



THE DIVISION BOOK

A progression of division skills

Jillian Cockings

Acknowledgements:

Author: Jillian Cockings

Cover and Page Design: Kathryn Webster

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HeadStart Primary Ltd,
Elker Lane,
Clitheroe,
BB7 9HZ

T. 01200 423405

E. info@headstartprimary.com

www.headstartprimary.com

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Published by HeadStart Primary Ltd 2018 © **HeadStart Primary Ltd 2021**

A record for this book is available from the British Library -
ISBN: 978-1-908767-09-7

INTRODUCTION

This book is intended to help secure the mathematical concept of division in children of all ages. The mastery of efficient mental and written methods of division is integral to the acquisition of basic number skills, upon which mathematics is built.

Without these solid foundations, children will often encounter difficulties as mathematical concepts become more complex. Any gaps in basic number knowledge and understanding can lead to a lack of ability and confidence as children are presented with more challenging mathematical concepts at school and in their everyday lives.

Division skills are practised here discretely in order to embed the processes, but once proficiency has been established, the relationship between subtraction, addition, multiplication and division can then be consolidated. Once this firm grounding of number is built, children can move forward confidently in maths.

The exercises in the book are designed to provide a progression of vital division skills. As a general rule, the calculations on each page become more challenging as children work through sections 1 to 4. Some of the exercises, such as division by 10 or 100 are less challenging than those on previous pages, but are positioned in the book to demonstrate the progression of a concept. Most children will be at some stage of this continuum in their understanding of addition. By working through the exercises, under the guidance or supervision of an adult, any gaps in understanding or knowledge that children have will quickly become apparent. Guidance and further practice can then be employed to fill the gaps before moving on. On pages which rely heavily on mental techniques, a 'Score and Time' record is available. This will help children hone their mental speed and accuracy. By the time a child has reached the end of the book, their mental and written methods of division will be more secure and they will be confident to use and apply their skills to a variety of mathematical problems.

This book has purposely avoided detailed descriptions of various methods of mental and written division strategies. It is important that children are taught following the policies and methods agreed by their school so that teaching and learning are consistent for the child. There are often several ways to solve a mental or written calculation and more able children will enjoy the challenge of discovering different ways to find a solution. It is a good idea, however, to agree upon a method that works for the child and is part of the school's mental and written calculations policy. On each page, Maths Monkey has given a tip to provide some basic guidance, but this does not mean that this is the only way to find a solution.

(Continued on next page)

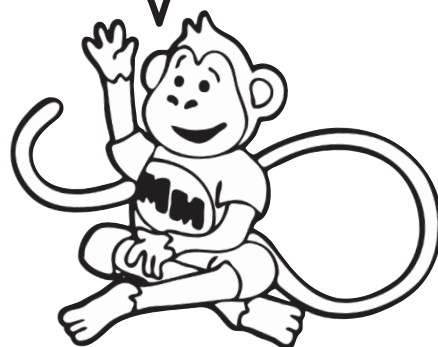
At the back of the book, there is a division grid which will help children, particularly in the early stages of their understanding. The chunking method of division is demonstrated as well as the more compact traditional methods of long and short division. A page containing useful rules of divisibility is also included.

To complete many of the exercises in the book, children will need squared paper.

DIVISION ($\div$)

- Division is an effective way of subtracting several sets of the same number or amount. It can also mean sharing or grouping equally
- Division is the inverse (opposite) of multiplication
- Division is not commutative whereas multiplication is commutative

**3×15 equals 15×3
but $15 \div 3$
does not equal
 $3 \div 15$**



THE VOCABULARY OF DIVISION

divide

quotient

repeated subtraction

divisibility

how many
sets of?

how many each?

divisor

how many
lots of?

factor

dividend

remainder

share (equally)

how many
groups of?

halve

quarter

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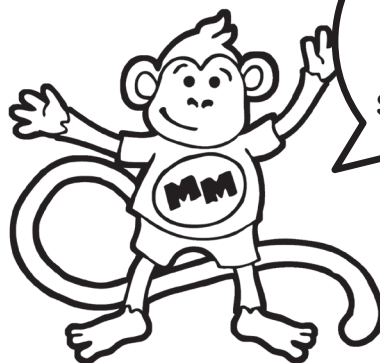
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3	Divide by 2 and 5
4	Reinforce division by 3
5	Reinforce division by 4
6	Divide by 3 and 4
7	Reinforce division by 6
8	Reinforce division by 7
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10	Reinforce division by 8
11	Reinforce division by 9
12	Divide by 8 and 9
13	Reinforce division by 11
14	Reinforce division by 12
15	Divide by 11 and 12
16	Understand and use different terminology when dividing by 2, 3, 4 and 5
17	Understand and use different terminology when dividing by 6, 7, 8 and 9
18	Use the knowledge of dividing by 2 and 3 to divide decimals
19	Use the knowledge of dividing by 4 and 5 to divide decimals
20	Use the knowledge of dividing by 6 and 7 to divide decimals
21	Use the knowledge of dividing by 8 and 9 to divide decimals
22	Use the knowledge of dividing by 11 and 12 to divide decimals
23	Use the knowledge of dividing by 2 and 3 to divide related numbers
24	Use the knowledge of dividing by 4 and 5 to divide related numbers
25	Use the knowledge of dividing by 6 and 7 to divide related numbers
26	Use the knowledge of dividing by 8 and 9 to divide related numbers
27	Use the knowledge of dividing by 11 and 12 to divide related numbers
28	Find a half of even numbers below 30
29	Find a half of even numbers greater than 30 but less than 100
30	Find a half of odd numbers below 30
31	Find a half of odd numbers greater than 30 but less than 100
32	Find a half of multiples of 10 up to 100
33	Find a half of multiples of 10 greater than 100
34	Find a half of a 3-digit number
35	Find a pattern when halving numbers
36	Find a half of decimal numbers (even numbers)
37	Find a half of any decimal number
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39	Reinforce division by 10
40	Divide any 2-digit number by 10
41	Divide multiples of 100 by 10
42	Divide any multiple of 10 by 10
43	Divide any 3-digit number by 10
44	Divide multiples of 1000 by 10
45	Divide any 4-digit number by 10
46	Use the inverse operation to find missing numbers when dividing by 10
47	Divide a decimal number (ones and tenths) by 10

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PAGE	OBJECTIVE
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49	Divide a decimal number (tenths and thousandths) by 10
50	Divide a multiple of 100 by 100
51	Divide any 3-digit number by 100
52	Divide any 4-digit number by 100
53	Divide any 2-digit number by 100
54	Divide a decimal number (tens, ones and tenths) by 100
55	Divide a decimal number (ones and tenths) by 100
56	Use the inverse operation to find missing numbers when dividing by 100
57	Divide a multiple of 1000 by 1000
58	Divide any 3-digit number by 1000
59	Divide any 2-digit number by 1000
60	Divide a decimal number (tens, ones and tenths) by 1000
61	Use the inverse operation to find missing numbers when dividing by 1000
62	Use division to change millimetres to centimetres
63	Use division to change pence to pounds
64	Use division to change centimetres to metres
65	Use division to change millilitres to litres
66	Use division to change metres to kilometres
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73	Solve division calculations with remainders (dividing by 6, 7, 8 and 9)
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75	Use a written method to divide without remainders (dividing by 6, 7, 8 and 9)
76	Use a written method to divide with remainders (dividing by 2, 3, 4 and 5)
77	Use a written method to divide with remainders (dividing by 6, 7, 8 and 9)
78	Use a written method to divide a 3-digit number by 3, 4 and 5 (Part 1)
79	Use a written method to divide a 3-digit number by 3, 4 and 5 (Part 2)
80	Use a written method to divide a 3-digit number by 6, 7, 8 and 9
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82	Use a written method to divide a 3-digit number by 6, 7, 8 and 9
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85	Use a written method to divide a 3-digit number by a 2-digit number (with a remainder)
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87	Divide a decimal number (tens, ones and tenths) by a 1-digit number (Part 2)
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89	Divide a decimal number (hundreds, tens, ones and tenths) by a 1-digit number (Part 2)
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98-104	ANSWERS – THE DIVISION BOOK

OBJECTIVE

Reinforce division by 5



Name

Year/Class

1

a	$5 \div 5 =$	
b	$10 \div 5 =$	
c	$40 \div 5 =$	
d	$20 \div 5 =$	
e	$35 \div 5 =$	
f	$15 \div 5 =$	
g	$25 \div 5 =$	

2

a	$30 \div 5 =$	
b	$25 \div 5 =$	
c	$50 \div 5 =$	
d	$40 \div 5 =$	
e	$15 \div 5 =$	
f	$45 \div 5 =$	
g	$35 \div 5 =$	

3

a	$30 \div 5 =$	
b	$40 \div 5 =$	
c	$50 \div 5 =$	
d	$45 \div 5 =$	
e	$55 \div 5 =$	
f	$35 \div 5 =$	
g	$60 \div 5 =$	

4

a	$50 \div 5 =$	
b	$35 \div 5 =$	
c	$45 \div 5 =$	
d	$55 \div 5 =$	
e	$60 \div 5 =$	
f	$65 \div 5 =$	
g	$40 \div 5 =$	

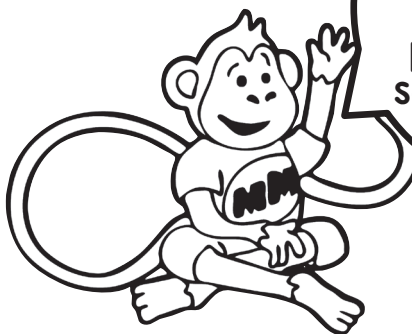
OBJECTIVE

Reinforce division by 2

Repeat
this page over
and over to try
to beat your
personal best
score and time
combined.

Name

Year/Class



1

a	6	÷	2	=	
b	4	÷	2	=	
c	14	÷	2	=	
d	12	÷	2	=	
e	10	÷	2	=	
f	2	÷	2	=	
g	8	÷	2	=	

2

a	14	÷	2	=	
b	8	÷	2	=	
c	16	÷	2	=	
d	6	÷	2	=	
e	12	÷	2	=	
f	10	÷	2	=	
g	18	÷	2	=	

3

a	10	÷	2	=	
b	16	÷	2	=	
c	20	÷	2	=	
d	14	÷	2	=	
e	18	÷	2	=	
f	8	÷	2	=	
g	12	÷	2	=	

4

a	18	÷	2	=	
b	22	÷	2	=	
c	20	÷	2	=	
d	12	÷	2	=	
e	14	÷	2	=	
f	24	÷	2	=	
g	16	÷	2	=	

OBJECTIVE

Divide by 2 and 5



Name

Year/Class

1

a	2	÷	2	=	
b	20	÷	2	=	
c	35	÷	5	=	
d	10	÷	2	=	
e	15	÷	5	=	
f	6	÷	2	=	
g	40	÷	2	=	

2

a	10	÷	5	=	
b	4	÷	2	=	
c	25	÷	5	=	
d	8	÷	2	=	
e	55	÷	5	=	
f	30	÷	5	=	
g	12	÷	2	=	

3

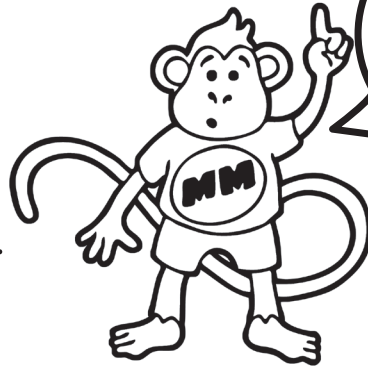
a		÷	5	=	3
b		÷	5	=	6
c		÷	5	=	9
d	16	÷		=	8
e		÷	2	=	3
f		÷	2	=	7
g	20	÷		=	10

4

a		÷	2	=	6
b	35	÷		=	7
c	22	÷		=	11
d		÷	5	=	7
e		÷	2	=	22
f		÷	5	=	12
g	18	÷		=	9

OBJECTIVE

Reinforce division by 3



Every time you
do this page,
try to increase
your accuracy
and speed.

Name

Year/Class

1

a	3	÷	3	=	
b	9	÷	3	=	
c	6	÷	3	=	
d	21	÷	3	=	
e	18	÷	3	=	
f	12	÷	3	=	
g	15	÷	3	=	

2

a	21	÷	3	=	
b	12	÷	3	=	
c	27	÷	3	=	
d	9	÷	3	=	
e	18	÷	3	=	
f	24	÷	3	=	
g	30	÷	3	=	

3

a	12	÷	3	=	
b	21	÷	3	=	
c	18	÷	3	=	
d	27	÷	3	=	
e	30	÷	3	=	
f	15	÷	3	=	
g	33	÷	3	=	

4

a	36	÷	3	=	
b	18	÷	3	=	
c	24	÷	3	=	
d	21	÷	3	=	
e	33	÷	3	=	
f	27	÷	3	=	
g	30	÷	3	=	

OBJECTIVE

Reinforce division by 4

Name

Year/Class



Repeat this page over and over to try to beat your personal best score and time combined.

1

a $4 \div 4 = \square$

b $16 \div 4 = \square$

c $8 \div 4 = \square$

d $24 \div 4 = \square$

e $20 \div 4 = \square$

f $12 \div 4 = \square$

g $28 \div 4 = \square$

2

a $12 \div 4 = \square$

b $20 \div 4 = \square$

c $28 \div 4 = \square$

d $8 \div 4 = \square$

e $32 \div 4 = \square$

f $36 \div 4 = \square$

g $24 \div 4 = \square$

3

a $28 \div 4 = \square$

b $16 \div 4 = \square$

c $24 \div 4 = \square$

d $44 \div 4 = \square$

e $12 \div 4 = \square$

f $32 \div 4 = \square$

g $36 \div 4 = \square$

4

a $44 \div 4 = \square$

b $24 \div 4 = \square$

c $36 \div 4 = \square$

d $40 \div 4 = \square$

e $32 \div 4 = \square$

f $48 \div 4 = \square$

g $28 \div 4 = \square$

OBJECTIVE

Divide by 3 and 4



Remember to
use your 3 and
4 times tables.

Name

Year/Class

1

a	18	÷	3	=	
b	12	÷	3	=	
c	12	÷	4	=	
d	21	÷	3	=	
e	20	÷	4	=	
f	40	÷	4	=	
g	28	÷	4	=	

2

a	30	÷	3	=	
b	27	÷	3	=	
c	24	÷	4	=	
d	9	÷	3	=	
e	32	÷	4	=	
f	44	÷	4	=	
g	33	÷	3	=	

3

a		÷	4	=	6
b		÷	4	=	8
c		÷	3	=	4
d	27	÷		=	9
e		÷	3	=	5
f		÷	4	=	9
g	15	÷		=	5

4

a		÷	4	=	10
b	36	÷		=	9
c	24	÷		=	6
d		÷	3	=	6
e		÷	4	=	7
f		÷	3	=	12
g	48	÷		=	12

OBJECTIVE

Reinforce division by 6

Name

Year/Class



Make sure you know your 6 times table. This will increase your speed and accuracy.

1

a $6 \div 6 = \square$

b $30 \div 6 = \square$

c $18 \div 6 = \square$

d $36 \div 6 = \square$

e $12 \div 6 = \square$

f $42 \div 6 = \square$

g $24 \div 6 = \square$

2

a $18 \div 6 = \square$

b $42 \div 6 = \square$

c $54 \div 6 = \square$

d $24 \div 6 = \square$

e $48 \div 6 = \square$

f $30 \div 6 = \square$

g $36 \div 6 = \square$

3

a $36 \div 6 = \square$

b $24 \div 6 = \square$

c $42 \div 6 = \square$

d $54 \div 6 = \square$

e $48 \div 6 = \square$

f $66 \div 6 = \square$

g $60 \div 6 = \square$

4

a $54 \div 6 = \square$

b $48 \div 6 = \square$

c $60 \div 6 = \square$

d $54 \div 6 = \square$

e $72 \div 6 = \square$

f $42 \div 6 = \square$

g $36 \div 6 = \square$

OBJECTIVE

Reinforce division by 7



Learn and use
your 7 times
table to help
you with these.

Name

Year/Class

1

a	$14 \div 7 =$	
b	$7 \div 7 =$	
c	$49 \div 7 =$	
d	$42 \div 7 =$	
e	$28 \div 7 =$	
f	$21 \div 7 =$	
g	$35 \div 7 =$	

2

a	$21 \div 7 =$	
b	$49 \div 7 =$	
c	$42 \div 7 =$	
d	$28 \div 7 =$	
e	$35 \div 7 =$	
f	$56 \div 7 =$	
g	$63 \div 7 =$	

3

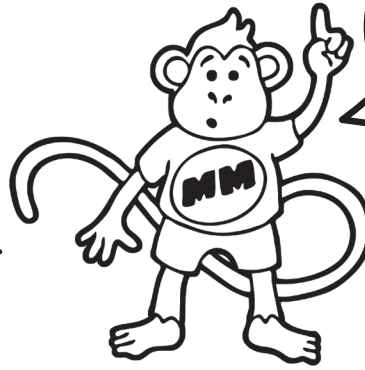
a	$42 \div 7 =$	
b	$28 \div 7 =$	
c	$63 \div 7 =$	
d	$77 \div 7 =$	
e	$35 \div 7 =$	
f	$56 \div 7 =$	
g	$49 \div 7 =$	

4

a	$42 \div 7 =$	
b	$49 \div 7 =$	
c	$63 \div 7 =$	
d	$70 \div 7 =$	
e	$35 \div 7 =$	
f	$56 \div 7 =$	
g	$84 \div 7 =$	

OBJECTIVE

Divide by 6 and 7



Tricky now,
so take care!

Name

Year/Class

1

a	36	÷	6	=	
b	18	÷	6	=	
c	28	÷	7	=	
d	30	÷	6	=	
e	42	÷	7	=	
f	56	÷	7	=	
g	48	÷	6	=	

2

a	70	÷	7	=	
b	21	÷	7	=	
c	35	÷	7	=	
d	60	÷	6	=	
e	42	÷	6	=	
f	77	÷	7	=	
g	54	÷	6	=	

3

a		÷	7	=	6
b		÷	7	=	9
c		÷	6	=	5
d	36	÷		=	6
e		÷	6	=	4
f		÷	7	=	4
g	63	÷		=	9

4

a		÷	7	=	8
b	54	÷		=	9
c	42	÷		=	6
d		÷	6	=	3
e		÷	7	=	9
f		÷	6	=	7
g	84	÷		=	12

OBJECTIVE

Reinforce division by 8



Use your 8 times table to help your speed and accuracy.

Name

Year/Class

1

a	16	÷	8	=	
b	8	÷	8	=	
c	24	÷	8	=	
d	72	÷	8	=	
e	40	÷	8	=	
f	32	÷	8	=	
g	48	÷	8	=	

2

a	40	÷	8	=	
b	64	÷	8	=	
c	56	÷	8	=	
d	32	÷	8	=	
e	16	÷	8	=	
f	24	÷	8	=	
g	48	÷	8	=	

3

a	48	÷	8	=	
b	40	÷	8	=	
c	64	÷	8	=	
d	72	÷	8	=	
e	32	÷	8	=	
f	24	÷	8	=	
g	56	÷	8	=	

4

a	64	÷	8	=	
b	72	÷	8	=	
c	56	÷	8	=	
d	80	÷	8	=	
e	96	÷	8	=	
f	88	÷	8	=	
g	48	÷	8	=	

OBJECTIVE

Reinforce division by 9



Practise this page over and over until you are confident.

Name

Year/Class

1

a $9 \div 9 = \square$

b $54 \div 9 = \square$

c $63 \div 9 = \square$

d $27 \div 9 = \square$

e $36 \div 9 = \square$

f $45 \div 9 = \square$

g $18 \div 9 = \square$

2

a $54 \div 9 = \square$

b $27 \div 9 = \square$

c $45 \div 9 = \square$

d $36 \div 9 = \square$

e $72 \div 9 = \square$

f $63 \div 9 = \square$

g $18 \div 9 = \square$

3

a $27 \div 9 = \square$

b $45 \div 9 = \square$

c $54 \div 9 = \square$

d $36 \div 9 = \square$

e $63 \div 9 = \square$

f $81 \div 9 = \square$

g $72 \div 9 = \square$

4

a $90 \div 9 = \square$

b $72 \div 9 = \square$

c $54 \div 9 = \square$

d $99 \div 9 = \square$

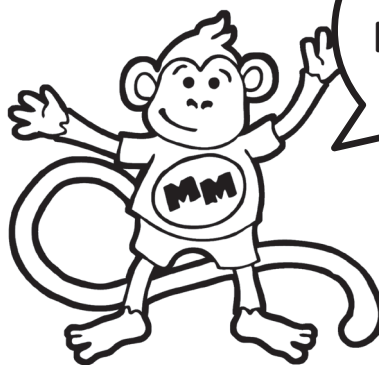
e $108 \div 9 = \square$

f $81 \div 9 = \square$

g $63 \div 9 = \square$

OBJECTIVE

Divide by 8 and 9



Remember,
practice makes
perfect!

Name

Year/Class

1

a	16	÷	8	=	
b	48	÷	8	=	
c	18	÷	9	=	
d	32	÷	8	=	
e	45	÷	9	=	
f	72	÷	9	=	
g	64	÷	8	=	

2

a	80	÷	8	=	
b	63	÷	9	=	
c	24	÷	8	=	
d	81	÷	9	=	
e	88	÷	8	=	
f	72	÷	8	=	
g	36	÷	9	=	

3

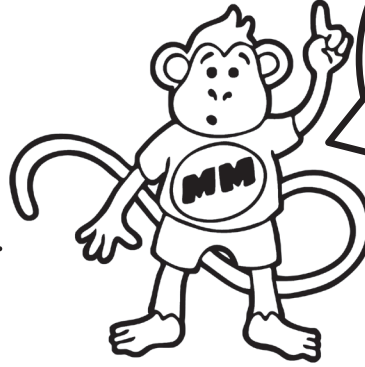
a		÷	8	=	3
b		÷	9	=	9
c		÷	8	=	6
d	72	÷		=	8
e		÷	8	=	4
f		÷	9	=	10
g	88	÷		=	11

4

a		÷	8	=	12
b	48	÷		=	6
c	27	÷		=	3
d		÷	9	=	8
e		÷	9	=	11
f		÷	8	=	7
g	108	÷		=	12

OBJECTIVE

Reinforce division by 11



Remember
 $10 \times 11 = 110$,
 $11 \times 11 = 121$
and
 $12 \times 11 = 132$.

Name

Year/Class

1

a	$22 \div 11 =$	
b	$55 \div 11 =$	
c	$11 \div 11 =$	
d	$77 \div 11 =$	
e	$33 \div 11 =$	
f	$44 \div 11 =$	
g	$66 \div 11 =$	

2

a	$44 \div 11 =$	
b	$33 \div 11 =$	
c	$88 \div 11 =$	
d	$66 \div 11 =$	
e	$55 \div 11 =$	
f	$77 \div 11 =$	
g	$22 \div 11 =$	

3

a	$110 \div 11 =$	
b	$99 \div 11 =$	
c	$132 \div 11 =$	
d	$33 \div 11 =$	
e	$121 \div 11 =$	
f	$77 \div 11 =$	
g	$88 \div 11 =$	

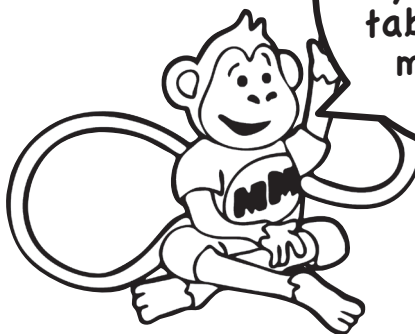
4

a	$110 \div 11 =$	
b	$132 \div 11 =$	
c	$99 \div 11 =$	
d	$121 \div 11 =$	
e	$132 \div 11 =$	
f	$121 \div 11 =$	
g	$132 \div 11 =$	

OBJECTIVE

Reinforce division by 12

Practise,
practise, practise
your 12 times
tables. This will
make division
easy!



Name

Year/Class

1

a	$36 \div 12 =$	
b	$12 \div 12 =$	
c	$72 \div 12 =$	
d	$60 \div 12 =$	
e	$84 \div 12 =$	
f	$48 \div 12 =$	
g	$24 \div 12 =$	

2

a	$12 \div 12 =$	
b	$84 \div 12 =$	
c	$36 \div 12 =$	
d	$72 \div 12 =$	
e	$48 \div 12 =$	
f	$24 \div 12 =$	
g	$60 \div 12 =$	

3

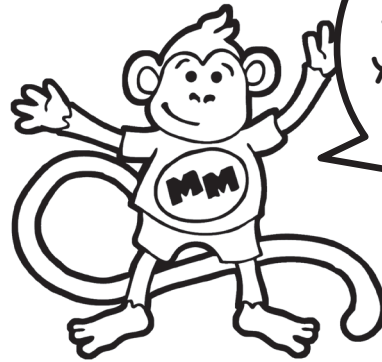
a	$36 \div 12 =$	
b	$60 \div 12 =$	
c	$96 \div 12 =$	
d	$84 \div 12 =$	
e	$108 \div 12 =$	
f	$48 \div 12 =$	
g	$72 \div 12 =$	

4

a	$144 \div 12 =$	
b	$84 \div 12 =$	
c	$120 \div 12 =$	
d	$108 \div 12 =$	
e	$72 \div 12 =$	
f	$132 \div 12 =$	
g	$96 \div 12 =$	

OBJECTIVE

Divide by 11 and 12



Before trying these, practise your 11 and 12 times table.

Name

Year/Class

1

a	$44 \div 11 =$	
b	$66 \div 11 =$	
c	$36 \div 12 =$	
d	$88 \div 11 =$	
e	$48 \div 12 =$	
f	$60 \div 12 =$	
g	$99 \div 11 =$	

2

a	$77 \div 11 =$	
b	$12 \div 12 =$	
c	$22 \div 11 =$	
d	$72 \div 12 =$	
e	$110 \div 11 =$	
f	$108 \div 12 =$	
g	$132 \div 12 =$	

3

a	$\square \div 11 =$	3
b	$\square \div 12 =$	2
c	$\square \div 11 =$	5
d	$77 \div \square =$	7
e	$\square \div 12 =$	6
f	$\square \div 12 =$	4
g	$84 \div \square =$	7

4

a	$\square \div 11 =$	6
b	$55 \div \square =$	5
c	$144 \div \square =$	12
d	$\square \div 11 =$	8
e	$\square \div 12 =$	9
f	$\square \div 12 =$	11
g	$72 \div \square =$	6

OBJECTIVE

Understand and use different terminology when dividing by 2, 3, 4 and 5

Name

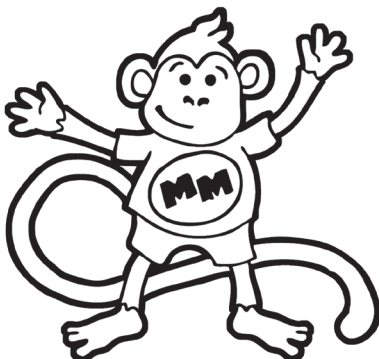
.....

.....

Year/Class

.....

There are lots of ways to describe division.



1

a

share 18 by 2 =

b

how many groups of 4 in 16? =

c

how many fives in 15? =

d

$20 \div 5$ =

e

how many lots of 2 in 16? =

2

a

share 30 by 5 =

b

how many twos in 24? =

c

how many lots of 5 in 25? =

d

$33 \div 3$ =

e

share 18 by 3 =

3

a

how many lots of 5 in 60? =

b

share 36 by 3 =

c

how many twos in 18? =

d

how many lots of 5 in 45? =

e

share 48 by 4 =

4

a

share 55 by 5 =

b

how many fours in 28? =

c

how many lots of 4 in 44? =

d

how many groups of 3 in 27? =

e

how many fours in 44? =

OBJECTIVE

Understand and use different terminology when dividing by 6, 7, 8 and 9

Name

.....

.....

Year/Class

.....



Don't let the language confuse you; they all mean divide.

1

a

share 12 by 6 =

b

how many groups of 8 in 40? =

c

how many nines in 81? =

d

share 56 by 8 =

e

how many lots of 7 in 63? =

2

a

$48 \div 6$ =

b

how many sixes in 30? =

c

how many lots of 9 in 72? =

d

share 27 by 9 =

e

share 18 by 6 =

3

a

how many lots of 8 in 64? =

b

how many eights in 24? =

c

how many lots of 7 in 35? =

d

share 63 by 9 =

e

how many groups of 9 in 36? =

4

a

share 88 by 8 =

b

how many sixes in 30? =

c

how many lots of 9 in 36? =

d

how many groups of 6 in 42? =

e

how many nines in 108? =

OBJECTIVE

Use the knowledge of dividing by 2 and 3 to divide decimals



Name

Year/Class

1

a	$0.2 \div 2 =$	
b	$0.8 \div 2 =$	
c	$0.3 \div 3 =$	
d	$1.5 \div 3 =$	
e	$1.0 \div 2 =$	
f	$0.9 \div 3 =$	
g	$1.2 \div 2 =$	

2

a	$0.4 \div 2 =$	
b	$1.4 \div 2 =$	
c	$0.6 \div 3 =$	
d	$1.8 \div 3 =$	
e	$0.6 \div 2 =$	
f	$1.6 \div 2 =$	
g	$1.2 \div 3 =$	

3

a	$2.1 \div 3 =$	
b	$1.8 \div 2 =$	
c	$2.4 \div 2 =$	
d	$1.5 \div 3 =$	
e	$2.7 \div 3 =$	
f	$3.6 \div 3 =$	
g	$3.3 \div 3 =$	

4

a	$2.2 \div 2 =$	
b	$2.4 \div 3 =$	
c	$1.0 \div 2 =$	
d	$3.3 \div 3 =$	
e	$1.8 \div 3 =$	
f	$3.6 \div 3 =$	
g	$2.4 \div 2 =$	

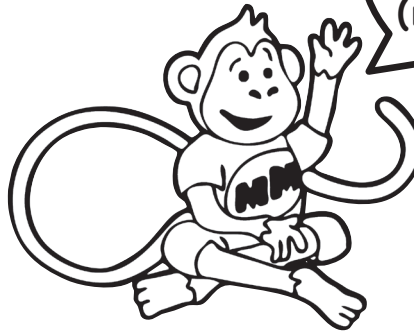
OBJECTIVE

Use the knowledge of dividing by 4 and 5 to divide decimals

Check your answer by using the inverse (multiplication).

Name

Year/Class



1

a	$0.5 \div 5 =$	
b	$0.4 \div 4 =$	
c	$1.0 \div 5 =$	
d	$3.0 \div 5 =$	
e	$1.2 \div 4 =$	
f	$1.6 \div 4 =$	
g	$2.0 \div 5 =$	

2

a	$1.5 \div 5 =$	
b	$2.5 \div 5 =$	
c	$0.8 \div 4 =$	
d	$2.0 \div 5 =$	
e	$2.4 \div 4 =$	
f	$3.6 \div 4 =$	
g	$3.2 \div 4 =$	

3

a	$4.0 \div 4 =$	
b	$3.0 \div 5 =$	
c	$4.5 \div 5 =$	
d	$4.4 \div 4 =$	
e	$3.5 \div 5 =$	
f	$4.8 \div 4 =$	
g	$6.0 \div 5 =$	

4

a	$3.2 \div 4 =$	
b	$3.0 \div 5 =$	
c	$0.8 \div 4 =$	
d	$2.0 \div 4 =$	
e	$4.0 \div 5 =$	
f	$5.0 \div 5 =$	
g	$4.8 \div 4 =$	

OBJECTIVE

Use the knowledge of dividing
by 6 and 7 to divide decimals



Use your
knowledge of
the 6 and 7 times
table to help
with these.

Name

Year/Class

1

a	$1.2 \div 6 =$	
b	$0.7 \div 7 =$	
c	$2.1 \div 7 =$	
d	$0.6 \div 6 =$	
e	$1.8 \div 6 =$	
f	$1.4 \div 7 =$	
g	$2.4 \div 6 =$	

2

a	$3.0 \div 6 =$	
b	$3.5 \div 7 =$	
c	$4.9 \div 7 =$	
d	$4.2 \div 6 =$	
e	$4.2 \div 7 =$	
f	$3.6 \div 6 =$	
g	$2.8 \div 7 =$	

3

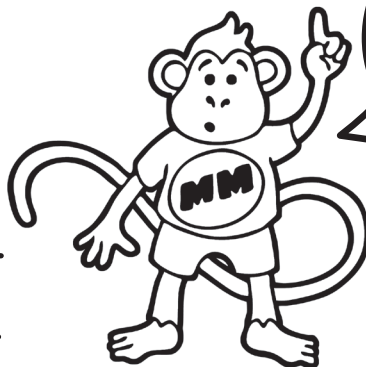
a	$6.0 \div 6 =$	
b	$5.6 \div 7 =$	
c	$7.0 \div 7 =$	
d	$6.6 \div 6 =$	
e	$6.3 \div 7 =$	
f	$5.4 \div 6 =$	
g	$7.2 \div 6 =$	

4

a	$3.0 \div 6 =$	
b	$6.3 \div 7 =$	
c	$8.4 \div 7 =$	
d	$5.6 \div 7 =$	
e	$4.8 \div 6 =$	
f	$6.6 \div 6 =$	
g	$7.7 \div 7 =$	

OBJECTIVE

Use the knowledge of dividing by 8 and 9 to divide decimals



Check your answer by multiplying (using the inverse).

Name

Year/Class

1

a	$0.8 \div 8 =$	
b	$1.8 \div 9 =$	
c	$2.4 \div 8 =$	
d	$1.6 \div 8 =$	
e	$0.9 \div 9 =$	
f	$2.7 \div 9 =$	
g	$3.2 \div 8 =$	

2

a	$4.5 \div 9 =$	
b	$4.0 \div 8 =$	
c	$3.6 \div 9 =$	
d	$6.3 \div 9 =$	
e	$5.6 \div 8 =$	
f	$5.4 \div 9 =$	
g	$4.8 \div 8 =$	

3

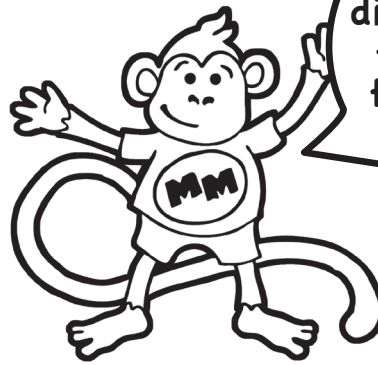
a	$6.4 \div 8 =$	
b	$7.2 \div 9 =$	
c	$9.0 \div 9 =$	
d	$7.2 \div 8 =$	
e	$8.1 \div 9 =$	
f	$8.8 \div 8 =$	
g	$8.0 \div 8 =$	

4

a	$9.9 \div 9 =$	
b	$9.6 \div 8 =$	
c	$4.0 \div 8 =$	
d	$10.8 \div 9 =$	
e	$6.4 \div 8 =$	
f	$6.3 \div 9 =$	
g	$7.2 \div 8 =$	

OBJECTIVE

Use the knowledge of dividing by 11 and 12 to divide decimals



Name

Year/Class

1

a	$1.1 \div 11 =$	
b	$1.2 \div 12 =$	
c	$2.2 \div 11 =$	
d	$2.4 \div 12 =$	
e	$4.4 \div 11 =$	
f	$3.3 \div 11 =$	
g	$3.6 \div 12 =$	

2

a	$5.5 \div 11 =$	
b	$4.8 \div 12 =$	
c	$6.6 \div 11 =$	
d	$7.2 \div 12 =$	
e	$8.4 \div 12 =$	
f	$7.7 \div 11 =$	
g	$6.0 \div 12 =$	

3

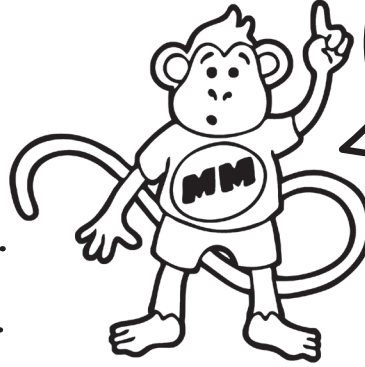
a	$11.0 \div 11 =$	
b	$9.6 \div 12 =$	
c	$14.4 \div 12 =$	
d	$8.8 \div 11 =$	
e	$13.2 \div 11 =$	
f	$9.9 \div 11 =$	
g	$10.8 \div 12 =$	

4

a	$13.2 \div 12 =$	
b	$7.7 \div 11 =$	
c	$12.0 \div 12 =$	
d	$11.0 \div 11 =$	
e	$12.1 \div 11 =$	
f	$14.4 \div 12 =$	
g	$13.2 \div 11 =$	

OBJECTIVE

Use the knowledge of dividing
by 2 and 3 to divide related numbers



Use the related
division facts
of the 2 and 3
times table to
solve these.

Name

Year/Class

1

a	20	÷	2	=	
b	30	÷	3	=	
c	60	÷	2	=	
d	60	÷	3	=	
e	40	÷	2	=	
f	90	÷	3	=	
g	80	÷	2	=	

2

a	100	÷	2	=	
b	150	÷	3	=	
c	160	÷	2	=	
d	120	÷	3	=	
e	140	÷	2	=	
f	180	÷	3	=	
g	120	÷	2	=	

3

a	180	÷	2	=	
b	240	÷	2	=	
c	240	÷	3	=	
d	270	÷	3	=	
e	210	÷	3	=	
f	200	÷	2	=	
g	220	÷	2	=	

4

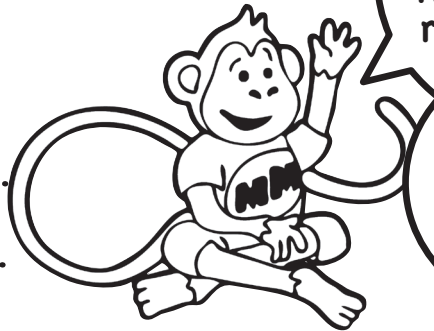
a	160	÷	2	=	
b	300	÷	3	=	
c	360	÷	3	=	
d	240	÷	2	=	
e	180	÷	3	=	
f	330	÷	3	=	
g	200	÷	2	=	

OBJECTIVE

Use the knowledge of dividing by 4 and 5 to divide related numbers

Name

Year/Class



Use your knowledge of the 4 and 5 times table and related division facts, but don't forget the answer will be 10 times bigger.

1

a	$40 \div 4 =$	
b	$100 \div 5 =$	
c	$120 \div 4 =$	
d	$200 \div 5 =$	
e	$50 \div 5 =$	
f	$80 \div 4 =$	
g	$150 \div 5 =$	

2

a	$160 \div 4 =$	
b	$350 \div 5 =$	
c	$300 \div 5 =$	
d	$280 \div 4 =$	
e	$200 \div 4 =$	
f	$250 \div 5 =$	
g	$240 \div 4 =$	

3

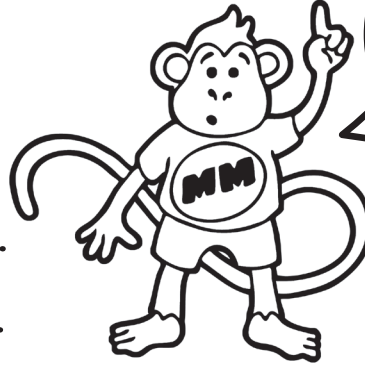
a	$320 \div 4 =$	
b	$450 \div 5 =$	
c	$500 \div 5 =$	
d	$360 \div 4 =$	
e	$280 \div 4 =$	
f	$400 \div 4 =$	
g	$400 \div 5 =$	

4

a	$160 \div 4 =$	
b	$600 \div 5 =$	
c	$550 \div 5 =$	
d	$440 \div 4 =$	
e	$450 \div 5 =$	
f	$320 \div 4 =$	
g	$480 \div 4 =$	

OBJECTIVE

Use the knowledge of dividing
by 6 and 7 to divide related numbers



Use your
knowledge of the
6 and 7 times
table to work
these out.

Name

Year/Class

1

a	$60 \div 6 =$	
b	$140 \div 7 =$	
c	$70 \div 7 =$	
d	$120 \div 6 =$	
e	$210 \div 7 =$	
f	$240 \div 6 =$	
g	$180 \div 6 =$	

2

a	$420 \div 6 =$	
b	$280 \div 7 =$	
c	$420 \div 7 =$	
d	$360 \div 6 =$	
e	$490 \div 7 =$	
f	$350 \div 7 =$	
g	$300 \div 6 =$	

3

a	$630 \div 7 =$	
b	$600 \div 6 =$	
c	$700 \div 7 =$	
d	$490 \div 7 =$	
e	$540 \div 6 =$	
f	$560 \div 7 =$	
g	$480 \div 6 =$	

4

a	$720 \div 6 =$	
b	$840 \div 7 =$	
c	$480 \div 6 =$	
d	$630 \div 7 =$	
e	$540 \div 6 =$	
f	$770 \div 7 =$	
g	$660 \div 6 =$	

OBJECTIVE

Use the knowledge of dividing
by 8 and 9 to divide related numbers

Name

Year/Class



Use your 8
and 9 times
table and
related division
facts to work
these out.

1

a	$80 \div 8 =$	
b	$180 \div 9 =$	
c	$90 \div 9 =$	
d	$160 \div 8 =$	
e	$270 \div 9 =$	
f	$240 \div 8 =$	
g	$320 \div 8 =$	

2

a	$400 \div 8 =$	
b	$560 \div 8 =$	
c	$270 \div 9 =$	
d	$360 \div 9 =$	
e	$480 \div 8 =$	
f	$540 \div 9 =$	
g	$450 \div 9 =$	

3

a	$480 \div 8 =$	
b	$720 \div 9 =$	
c	$990 \div 9 =$	
d	$560 \div 8 =$	
e	$810 \div 9 =$	
f	$640 \div 8 =$	
g	$630 \div 9 =$	

4

a	$810 \div 9 =$	
b	$720 \div 8 =$	
c	$720 \div 9 =$	
d	$800 \div 8 =$	
e	$1080 \div 9 =$	
f	$880 \div 8 =$	
g	$960 \div 8 =$	

OBJECTIVE

Use the knowledge of dividing
by 11 and 12 to divide related numbers



If you know
your 11 and 12
times tables,
you can solve
these using the
inverse.

Name

Year/Class

1

a	$110 \div 11 =$	
b	$120 \div 12 =$	
c	$440 \div 11 =$	
d	$240 \div 12 =$	
e	$330 \div 11 =$	
f	$360 \div 12 =$	
g	$220 \div 11 =$	

2

a	$880 \div 11 =$	
b	$600 \div 12 =$	
c	$770 \div 11 =$	
d	$480 \div 12 =$	
e	$660 \div 11 =$	
f	$720 \div 12 =$	
g	$550 \div 11 =$	

3

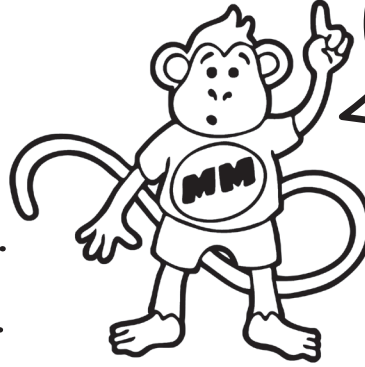
a	$660 \div 11 =$	
b	$960 \div 12 =$	
c	$840 \div 12 =$	
d	$880 \div 11 =$	
e	$550 \div 11 =$	
f	$1200 \div 12 =$	
g	$990 \div 11 =$	

4

a	$1210 \div 11 =$	
b	$1320 \div 11 =$	
c	$1440 \div 12 =$	
d	$1320 \div 12 =$	
e	$960 \div 12 =$	
f	$1080 \div 12 =$	
g	$1100 \div 11 =$	

OBJECTIVE

Find a half of even numbers below 30



Remember,
halving is
the same as
dividing by 2.

Name

Year/Class

- 1**
- a** a half of 8 =
 - b** a half of 4 =
 - c** a half of 10 =
 - d** a half of 6 =
 - e** a half of 2 =
 - f** a half of 12 =
 - g** a half of 14 =

- 2**
- a** a half of 14 =
 - b** a half of 20 =
 - c** a half of 10 =
 - d** a half of 12 =
 - e** a half of 16 =
 - f** a half of 8 =
 - g** a half of 18 =

- 3**
- a** a half of 14 =
 - b** a half of 20 =
 - c** a half of 18 =
 - d** a half of 12 =
 - e** a half of 24 =
 - f** a half of 22 =
 - g** a half of 16 =

- 4**
- a** a half of 26 =
 - b** a half of 20 =
 - c** a half of 28 =
 - d** a half of 24 =
 - e** a half of 16 =
 - f** a half of 22 =
 - g** a half of 18 =

OBJECTIVE

Find a half of even numbers greater than 30 but less than 100

Name

Year/Class



Try halving
the tens, then
the ones, then
add together at
the end!

- 1**
- a** a half of 30 =
 - b** a half of 42 =
 - c** a half of 54 =
 - d** a half of 52 =
 - e** a half of 66 =
 - f** a half of 64 =
 - g** a half of 46 =

- 2**
- a** a half of 48 =
 - b** a half of 68 =
 - c** a half of 44 =
 - d** a half of 56 =
 - e** a half of 76 =
 - f** a half of 58 =
 - g** a half of 74 =

- 3**
- a** a half of 80 =
 - b** a half of 82 =
 - c** a half of 58 =
 - d** a half of 88 =
 - e** a half of 76 =
 - f** a half of 62 =
 - g** a half of 78 =

- 4**
- a** a half of 92 =
 - b** a half of 90 =
 - c** a half of 96 =
 - d** a half of 86 =
 - e** a half of 94 =
 - f** a half of 84 =
 - g** a half of 98 =

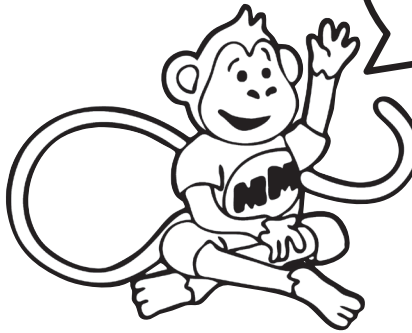
OBJECTIVE

Find a half of odd numbers below 30

Remember, a half of 1 is 0.5, so a half of 5 is 2.5

Name

Year/Class



- 1**
- a** a half of 3 =
 - b** a half of 5 =
 - c** a half of 1 =
 - d** a half of 11 =
 - e** a half of 9 =
 - f** a half of 13 =
 - g** a half of 7 =

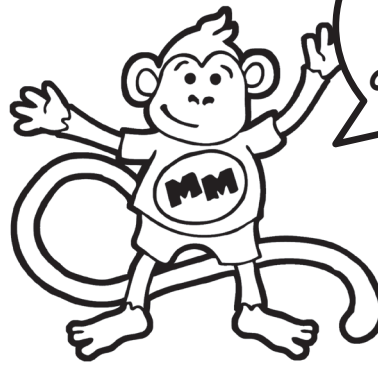
- 2**
- a** a half of 13 =
 - b** a half of 17 =
 - c** a half of 23 =
 - d** a half of 11 =
 - e** a half of 21 =
 - f** a half of 19 =
 - g** a half of 15 =

- 3**
- a** a half of 11 =
 - b** a half of 17 =
 - c** a half of 25 =
 - d** a half of 21 =
 - e** a half of 15 =
 - f** a half of 23 =
 - g** a half of 19 =

- 4**
- a** a half of 25 =
 - b** a half of 23 =
 - c** a half of 17 =
 - d** a half of 19 =
 - e** a half of 27 =
 - f** a half of 29 =
 - g** a half of 21 =

OBJECTIVE

Find a half of odd numbers greater than 30 but less than 100



Try halving the tens, then the ones, then add together at the end.

Name

Year/Class

- 1**
- a** a half of 31 =
 - b** a half of 45 =
 - c** a half of 33 =
 - d** a half of 43 =
 - e** a half of 41 =
 - f** a half of 49 =
 - g** a half of 39 =

- 2**
- a** a half of 53 =
 - b** a half of 67 =
 - c** a half of 55 =
 - d** a half of 69 =
 - e** a half of 47 =
 - f** a half of 61 =
 - g** a half of 59 =

- 3**
- a** a half of 65 =
 - b** a half of 75 =
 - c** a half of 79 =
 - d** a half of 57 =
 - e** a half of 63 =
 - f** a half of 71 =
 - g** a half of 77 =

- 4**
- a** a half of 97 =
 - b** a half of 93 =
 - c** a half of 87 =
 - d** a half of 89 =
 - e** a half of 91 =
 - f** a half of 95 =
 - g** a half of 99 =

OBJECTIVE

Find a half of multiples of 10 up to 100



Name

Year/Class

- 1**
- a** a half of 10 =
 - b** a half of 30 =
 - c** a half of 20 =
 - d** a half of 40 =
 - e** a half of 80 =
 - f** a half of 90 =
 - g** a half of 60 =

- 2**
- a** a half of 40 =
 - b** a half of 70 =
 - c** a half of 10 =
 - d** a half of 90 =
 - e** a half of 60 =
 - f** a half of 20 =
 - g** a half of 80 =

- 3**
- a** a half of 90 =
 - b** a half of 20 =
 - c** a half of 10 =
 - d** a half of 60 =
 - e** a half of 80 =
 - f** a half of 30 =
 - g** a half of 50 =

- 4**
- a** a half of 10 =
 - b** a half of 60 =
 - c** a half of 40 =
 - d** a half of 30 =
 - e** a half of 50 =
 - f** a half of 70 =
 - g** a half of 90 =

OBJECTIVE

Find a half of multiples of
10 greater than 100

Name

Year/Class



- 1**
- a** a half of 110 =
 - b** a half of 130 =
 - c** a half of 230 =
 - d** a half of 360 =
 - e** a half of 190 =
 - f** a half of 340 =
 - g** a half of 150 =

- 2**
- a** a half of 160 =
 - b** a half of 210 =
 - c** a half of 140 =
 - d** a half of 330 =
 - e** a half of 240 =
 - f** a half of 170 =
 - g** a half of 520 =

- 3**
- a** a half of 380 =
 - b** a half of 470 =
 - c** a half of 530 =
 - d** a half of 490 =
 - e** a half of 270 =
 - f** a half of 540 =
 - g** a half of 290 =

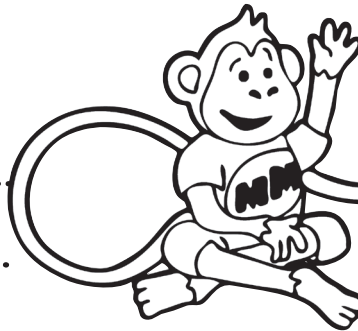
- 4**
- a** a half of 630 =
 - b** a half of 570 =
 - c** a half of 850 =
 - d** a half of 770 =
 - e** a half of 730 =
 - f** a half of 650 =
 - g** a half of 790 =

OBJECTIVE

Find a half of a 3-digit number

Name

Year/Class



Partition these numbers into ones, tens and hundreds, divide each by 2, then add together at the end. Jot down the numbers to help.

- 1**
- a** a half of 426 =
 - b** a half of 628 =
 - c** a half of 646 =
 - d** a half of 244 =
 - e** a half of 686 =
 - f** a half of 482 =
 - g** a half of 648 =

- 2**
- a** a half of 267 =
 - b** a half of 350 =
 - c** a half of 345 =
 - d** a half of 546 =
 - e** a half of 367 =
 - f** a half of 132 =
 - g** a half of 546 =

- 3**
- a** a half of 654 =
 - b** a half of 954 =
 - c** a half of 658 =
 - d** a half of 756 =
 - e** a half of 876 =
 - f** a half of 892 =
 - g** a half of 799 =

- 4**
- a** a half of 519 =
 - b** a half of 759 =
 - c** a half of 359 =
 - d** a half of 731 =
 - e** a half of 959 =
 - f** a half of 775 =
 - g** a half of 919 =

OBJECTIVE

Find a pattern when halving numbers

Name

Year/Class



Once you have
found the pattern,
explain it to
someone.

- 1**
- a** a half of 42 =
 - b** a half of 420 =
 - c** a half of 4200 =
 - d** a half of 68 =
 - e** a half of 680 =
 - f** a half of 6800 =

- 2**
- a** a half of 84 =
 - b** a half of 840 =
 - c** a half of 8400 =
 - d** a half of 76 =
 - e** a half of 760 =
 - f** a half of 7600 =

- 3**
- a** a half of 87 =
 - b** a half of 870 =
 - c** a half of 8700 =
 - d** a half of 96 =
 - e** a half of 960 =
 - f** a half of 9600 =

- 4**
- a** a half of 59 =
 - b** a half of 590 =
 - c** a half of 5900 =
 - d** a half of 99 =
 - e** a half of 990 =
 - f** a half of 9900 =

OBJECTIVE

Find a half of decimal numbers
(even numbers)



Divide the
digits to the
left and right
of the decimal
point by 2.

Name

Year/Class

1 a a half of 6.2 =

b a half of 4.6 =

c a half of 2.2 =

d a half of 6.6 =

e a half of 6.8 =

f a half of 18.2 =

g a half of 12.4 =

2 a a half of 20.6 =

b a half of 18.4 =

c a half of 10.8 =

d a half of 22.2 =

e a half of 16.4 =

f a half of 26.6 =

g a half of 14.8 =

3 a a half of 24.2 =

b a half of 64.6 =

c a half of 48.4 =

d a half of 62.4 =

e a half of 26.8 =

f a half of 46.6 =

g a half of 44.2 =

4 a a half of 66.8 =

b a half of 88.4 =

c a half of 46.8 =

d a half of 84.2 =

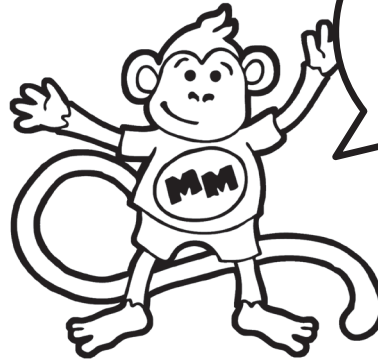
e a half of 80.6 =

f a half of 86.8 =

g a half of 80.8 =

OBJECTIVE

Find a half of any decimal number



Name

Year/Class

1 a a half of 6.4 =

b a half of 8.4 =

c a half of 4.6 =

d a half of 2.2 =

e a half of 8.8 =

f a half of 6.8 =

g a half of 4.2 =

2 a a half of 7.8 =

b a half of 5.8 =

c a half of 6.3 =

d a half of 8.5 =

e a half of 2.7 =

f a half of 7.6 =

g a half of 9.4 =

3 a a half of 16.2 =

b a half of 46.4 =

c a half of 16.8 =

d a half of 26.5 =

e a half of 88.3 =

f a half of 32.1 =

g a half of 18.7 =

4 a a half of 19.7 =

b a half of 35.5 =

c a half of 53.7 =

d a half of 17.9 =

e a half of 53.9 =

f a half of 79.7 =

g a half of 95.9 =

OBJECTIVE

Divide by 10

Name

Year/Class



Use the related division facts of your 10 times table to find the answers to these.

1

a	20	÷	10	=	
b	60	÷	10	=	
c	40	÷	10	=	
d	30	÷	10	=	
e	70	÷	10	=	
f	50	÷	10	=	
g	80	÷	10	=	

2

a	10	÷	10	=	
b	70	÷	10	=	
c	30	÷	10	=	
d	80	÷	10	=	
e	90	÷	10	=	
f	60	÷	10	=	
g	20	÷	10	=	

3

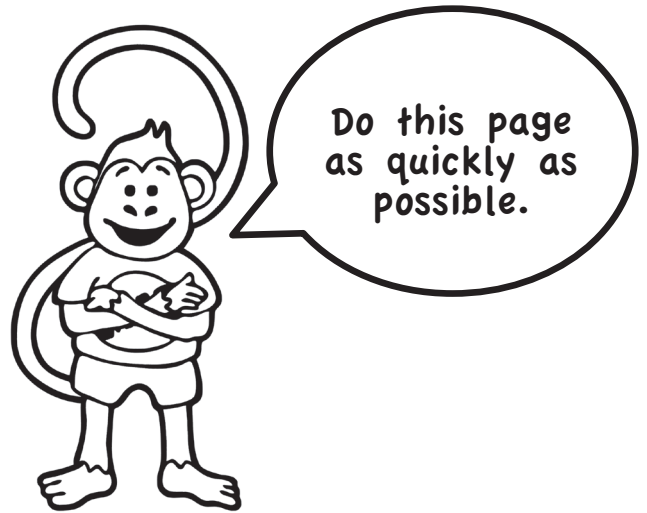
a	70	÷	10	=	
b	40	÷	10	=	
c	80	÷	10	=	
d	90	÷	10	=	
e	50	÷	10	=	
f	110	÷	10	=	
g	60	÷	10	=	

4

a	70	÷	10	=	
b	110	÷	10	=	
c	120	÷	10	=	
d	100	÷	10	=	
e	90	÷	10	=	
f	80	÷	10	=	
g	60	÷	10	=	

OBJECTIVE

Reinforce division by 10



Name

Year/Class

1

a	10	÷	10	=	
b	100	÷	10	=	
c	80	÷	10	=	
d	120	÷	10	=	
e	30	÷	10	=	
f	20	÷	10	=	
g	70	÷	10	=	

2

a	70	÷	10	=	
b	90	÷	10	=	
c	120	÷	10	=	
d	60	÷	10	=	
e	110	÷	10	=	
f	50	÷	10	=	
g	80	÷	10	=	

3

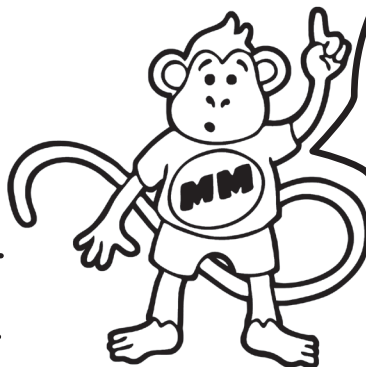
a		÷	10	=	6
b		÷	10	=	8
c		÷	10	=	9
d	70	÷		=	7
e		÷	10	=	7
f		÷	10	=	5
g	120	÷		=	12

4

a		÷	10	=	12
b	80	÷		=	8
c	60	÷		=	6
d		÷	10	=	3
e		÷	10	=	11
f		÷	10	=	4
g	90	÷		=	9

OBJECTIVE

Divide any 2-digit number by 10



Check out this example to help:

$$63 \div 10 = 6.3$$

Name

Year/Class

1

a	$46 \div 10 =$	
b	$32 \div 10 =$	
c	$11 \div 10 =$	
d	$49 \div 10 =$	
e	$48 \div 10 =$	
f	$37 \div 10 =$	
g	$55 \div 10 =$	

2

a	$76 \div 10 =$	
b	$21 \div 10 =$	
c	$59 \div 10 =$	
d	$88 \div 10 =$	
e	$37 \div 10 =$	
f	$61 \div 10 =$	
g	$58 \div 10 =$	

3

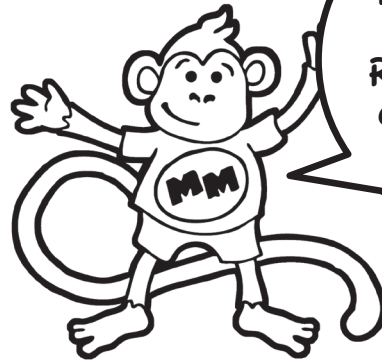
a	$73 \div 10 =$	
b	$67 \div 10 =$	
c	$86 \div 10 =$	
d	$76 \div 10 =$	
e	$89 \div 10 =$	
f	$59 \div 10 =$	
g	$77 \div 10 =$	

4

a	$98 \div 10 =$	
b	$87 \div 10 =$	
c	$94 \div 10 =$	
d	$95 \div 10 =$	
e	$75 \div 10 =$	
f	$96 \div 10 =$	
g	$92 \div 10 =$	

OBJECTIVE

Divide multiples of 100 by 10



Each digit
moves 1 place
to the right.
Remember, 100
and 100.0 are
the same
number.

Name

Year/Class

1

a	100	÷	10	=	
b	300	÷	10	=	
c	200	÷	10	=	
d	600	÷	10	=	
e	400	÷	10	=	
f	500	÷	10	=	
g	700	÷	10	=	

2

a	200	÷	10	=	
b	700	÷	10	=	
c	400	÷	10	=	
d	600	÷	10	=	
e	300	÷	10	=	
f	500	÷	10	=	
g	800	÷	10	=	

3

a	700	÷	10	=	
b	900	÷	10	=	
c	800	÷	10	=	
d	1000	÷	10	=	
e	500	÷	10	=	
f	400	÷	10	=	
g	600	÷	10	=	

4

a	700	÷	10	=	
b	400	÷	10	=	
c	900	÷	10	=	
d	800	÷	10	=	
e	500	÷	10	=	
f	600	÷	10	=	
g	1000	÷	10	=	

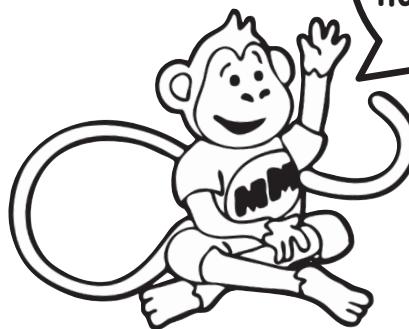
OBJECTIVE

Divide any multiple of 10 by 10

Remember, you
are making each
number 10 times
smaller.

Name

Year/Class



1

a	260	÷	10	=	
b	130	÷	10	=	
c	340	÷	10	=	
d	550	÷	10	=	
e	420	÷	10	=	
f	360	÷	10	=	
g	620	÷	10	=	

2

a	670	÷	10	=	
b	480	÷	10	=	
c	570	÷	10	=	
d	560	÷	10	=	
e	460	÷	10	=	
f	640	÷	10	=	
g	710	÷	10	=	

3

a	730	÷	10	=	
b	860	÷	10	=	
c	540	÷	10	=	
d	660	÷	10	=	
e	580	÷	10	=	
f	760	÷	10	=	
g	890	÷	10	=	

4

a	980	÷	10	=	
b	870	÷	10	=	
c	940	÷	10	=	
d	770	÷	10	=	
e	950	÷	10	=	
f	820	÷	10	=	
g	880	÷	10	=	

OBJECTIVE

Divide any 3-digit number by 10



Check out the example below if you are unsure:

$$677 \div 10 = 67.7$$

Name

Year/Class

1

a

$$457 \div 10 = \boxed{}$$

b

$$123 \div 10 = \boxed{}$$

c

$$213 \div 10 = \boxed{}$$

d

$$496 \div 10 = \boxed{}$$

e

$$586 \div 10 = \boxed{}$$

f

$$209 \div 10 = \boxed{}$$

g

$$146 \div 10 = \boxed{}$$

2

a

$$606 \div 10 = \boxed{}$$

b

$$336 \div 10 = \boxed{}$$

c

$$459 \div 10 = \boxed{}$$

d

$$517 \div 10 = \boxed{}$$

e

$$458 \div 10 = \boxed{}$$

f

$$682 \div 10 = \boxed{}$$

g

$$774 \div 10 = \boxed{}$$

3

a

$$667 \div 10 = \boxed{}$$

b

$$859 \div 10 = \boxed{}$$

c

$$756 \div 10 = \boxed{}$$

d

$$817 \div 10 = \boxed{}$$

e

$$506 \div 10 = \boxed{}$$

f

$$886 \div 10 = \boxed{}$$

g

$$527 \div 10 = \boxed{}$$

4

a

$$958 \div 10 = \boxed{}$$

b

$$712 \div 10 = \boxed{}$$

c

$$987 \div 10 = \boxed{}$$

d

$$692 \div 10 = \boxed{}$$

e

$$813 \div 10 = \boxed{}$$

f

$$848 \div 10 = \boxed{}$$

g

$$956 \div 10 = \boxed{}$$

OBJECTIVE

Divide multiples of 1000 by 10

Name

Year/Class



Remember,
you are making
these numbers
10 times smaller
so move the
digits 1 place
to the right.

1

a	$1000 \div 10 =$	
b	$3000 \div 10 =$	
c	$6000 \div 10 =$	
d	$7000 \div 10 =$	
e	$5000 \div 10 =$	
f	$4000 \div 10 =$	
g	$2000 \div 10 =$	

2

a	$5000 \div 10 =$	
b	$8000 \div 10 =$	
c	$6000 \div 10 =$	
d	$10000 \div 10 =$	
e	$4000 \div 10 =$	
f	$7000 \div 10 =$	
g	$3000 \div 10 =$	

3

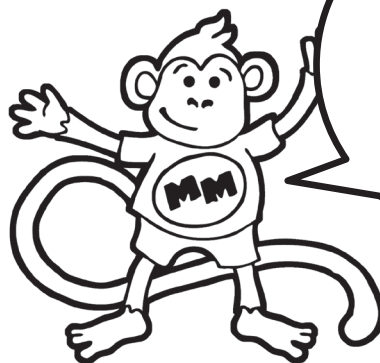
a	$5000 \div 10 =$	
b	$3000 \div 10 =$	
c	$4000 \div 10 =$	
d	$6000 \div 10 =$	
e	$7000 \div 10 =$	
f	$9000 \div 10 =$	
g	$8000 \div 10 =$	

4

a	$4000 \div 10 =$	
b	$7000 \div 10 =$	
c	$5000 \div 10 =$	
d	$8000 \div 10 =$	
e	$9000 \div 10 =$	
f	$6000 \div 10 =$	
g	$10000 \div 10 =$	

OBJECTIVE

Divide any 4-digit number by 10



Remember
to move each
digit 1 place
to the right.

Name

Year/Class

1 a $1360 \div 10 =$

b $4508 \div 10 =$

c $2765 \div 10 =$

d $5617 \div 10 =$

e $4369 \div 10 =$

f $3506 \div 10 =$

g $1962 \div 10 =$

2 a $3901 \div 10 =$

b $5507 \div 10 =$

c $1580 \div 10 =$

d $4452 \div 10 =$

e $2816 \div 10 =$

f $7106 \div 10 =$

g $1581 \div 10 =$

3 a $3952 \div 10 =$

b $5598 \div 10 =$

c $8610 \div 10 =$

d $2006 \div 10 =$

e $6089 \div 10 =$

f $8006 \div 10 =$

g $4016 \div 10 =$

4 a $8917 \div 10 =$

b $9917 \div 10 =$

c $6612 \div 10 =$

d $9801 \div 10 =$

e $8512 \div 10 =$

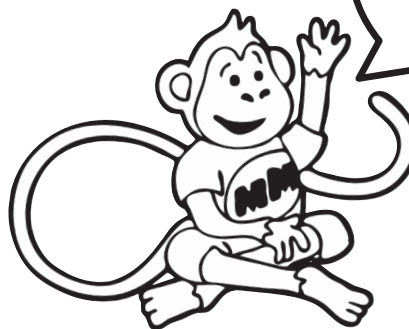
f $7753 \div 10 =$

g $7896 \div 10 =$

OBJECTIVE

Use the inverse operation to find missing numbers when dividing by 10

Remember, the inverse of divide is multiply.



Name

Year/Class

1 a $67 \div \square = 6.7$

b $35 \div \square = 3.5$

c $78 \div 10 = \square$

d $96 \div 10 = \square$

e $\square \div 10 = 3.6$

f $48 \div \square = 4.8$

g $\square \div 10 = 4.7$

2 a $\square \div 10 = 12.6$

b $\square \div 10 = 6.9$

c $29 \div \square = 2.9$

d $\square \div 10 = 3.7$

e $58 \div 10 = \square$

f $65 \div \square = 6.5$

g $\square \div 10 = 6.8$

3 a $217 \div 10 = \square$

b $123 \div \square = 12.3$

c $\square \div 10 = 23.7$

d $\square \div 10 = 14.6$

e $301 \div 10 = \square$

f $364 \div \square = 36.4$

g $291 \div \square = 29.1$

4 a $\square \div 10 = 75.6$

b $\square \div 10 = 29.7$

c $769 \div \square = 76.9$

d $468 \div 10 = \square$

e $506 \div 10 = \square$

f $617 \div \square = 61.7$

g $\square \div 10 = 85.6$

OBJECTIVE

Divide a decimal number
(ones and tenths) by 10

Name

Year/Class



Move the
digits 1 place to
the right. Check
out the example
below:

$$7.5 \div 10 = 0.75$$

1 a $3.6 \div 10 =$

b $1.3 \div 10 =$

c $2.6 \div 10 =$

d $5.6 \div 10 =$

e $4.7 \div 10 =$

f $1.9 \div 10 =$

g $4.6 \div 10 =$

2 a $5.9 \div 10 =$

b $3.5 \div 10 =$

c $4.6 \div 10 =$

d $6.6 \div 10 =$

e $2.3 \div 10 =$

f $6.2 \div 10 =$

g $7.6 \div 10 =$

3 a $8.2 \div 10 =$

b $8.3 \div 10 =$

c $5.3 \div 10 =$

d $9.8 \div 10 =$

e $7.2 \div 10 =$

f $8.4 \div 10 =$

g $6.9 \div 10 =$

4 a $9.7 \div 10 =$

b $7.9 \div 10 =$

c $8.5 \div 10 =$

d $9.1 \div 10 =$

e $7.7 \div 10 =$

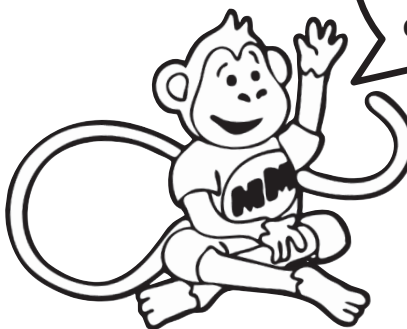
f $9.6 \div 10 =$

g $8.1 \div 10 =$

OBJECTIVE

Divide a decimal number
(tens, ones and tenths) by 10

Remember to
move the digits
and not the
decimal point.



Name

Year/Class

1 a $15.6 \div 10 =$

b $22.7 \div 10 =$

c $30.8 \div 10 =$

d $15.7 \div 10 =$

e $45.7 \div 10 =$

f $55.6 \div 10 =$

g $13.8 \div 10 =$

2 a $25.5 \div 10 =$

b $37.2 \div 10 =$

c $65.7 \div 10 =$

d $58.6 \div 10 =$

e $14.7 \div 10 =$

f $49.6 \div 10 =$

g $66.3 \div 10 =$

3 a $85.2 \div 10 =$

b $70.7 \div 10 =$

c $78.9 \div 10 =$

d $59.3 \div 10 =$

e $61.3 \div 10 =$

f $49.9 \div 10 =$

g $60.7 \div 10 =$

4 a $98.6 \div 10 =$

b $89.6 \div 10 =$

c $63.9 \div 10 =$

d $77.6 \div 10 =$

e $89.8 \div 10 =$

f $95.8 \div 10 =$

g $99.9 \div 10 =$

OBJECTIVE

Divide a decimal number
(tenths and thousandths) by 10

Name

Year/Class



Remember to
move the digits
1 place to the
right. Look at
this example:

$$0.78 \div 10 = 0.078$$

1 a $0.1 \div 10 =$

b $0.2 \div 10 =$

c $0.26 \div 10 =$

d $0.15 \div 10 =$

e $0.46 \div 10 =$

f $0.4 \div 10 =$

g $0.52 \div 10 =$

2 a $0.43 \div 10 =$

b $0.12 \div 10 =$

c $0.77 \div 10 =$

d $0.65 \div 10 =$

e $0.35 \div 10 =$

f $0.16 \div 10 =$

g $0.75 \div 10 =$

3 a $0.78 \div 10 =$

b $0.69 \div 10 =$

c $0.61 \div 10 =$

d $0.38 \div 10 =$

e $0.58 \div 10 =$

f $0.95 \div 10 =$

g $0.08 \div 10 =$

4 a $0.07 \div 10 =$

b $0.57 \div 10 =$

c $0.87 \div 10 =$

d $0.06 \div 10 =$

e $0.89 \div 10 =$

f $0.98 \div 10 =$

g $0.09 \div 10 =$

OBJECTIVE

Divide a multiple of 100 by 100

Name

Year/Class



Now move the digits 2 places to the right. Remember, 200 and 200.0 are the same number.

- 1**
- a** $200 \div 100 =$
 - b** $500 \div 100 =$
 - c** $400 \div 100 =$
 - d** $800 \div 100 =$
 - e** $700 \div 100 =$
 - f** $300 \div 100 =$
 - g** $600 \div 100 =$

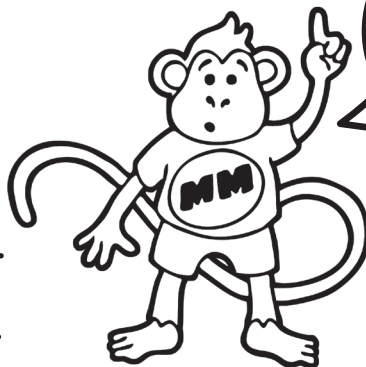
- 2**
- a** $1700 \div 100 =$
 - b** $2400 \div 100 =$
 - c** $3400 \div 100 =$
 - d** $4000 \div 100 =$
 - e** $6700 \div 100 =$
 - f** $3500 \div 100 =$
 - g** $5200 \div 100 =$

- 3**
- a** $4200 \div 100 =$
 - b** $7600 \div 100 =$
 - c** $8700 \div 100 =$
 - d** $6400 \div 100 =$
 - e** $7900 \div 100 =$
 - f** $8800 \div 100 =$
 - g** $6800 \div 100 =$

- 4**
- a** $9500 \div 100 =$
 - b** $8900 \div 100 =$
 - c** $8600 \div 100 =$
 - d** $9600 \div 100 =$
 - e** $7500 \div 100 =$
 - f** $8400 \div 100 =$
 - g** $9000 \div 100 =$

OBJECTIVE

Divide any 3-digit number by 100



Make sure
the digits move
2 places to
the right.

Name

Year/Class

1

a	$465 \div 100 =$	
b	$616 \div 100 =$	
c	$575 \div 100 =$	
d	$307 \div 100 =$	
e	$496 \div 100 =$	
f	$216 \div 100 =$	
g	$603 \div 100 =$	

2

a	$689 \div 100 =$	
b	$775 \div 100 =$	
c	$253 \div 100 =$	
d	$756 \div 100 =$	
e	$396 \div 100 =$	
f	$613 \div 100 =$	
g	$458 \div 100 =$	

3

a	$313 \div 100 =$	
b	$587 \div 100 =$	
c	$607 \div 100 =$	
d	$846 \div 100 =$	
e	$715 \div 100 =$	
f	$444 \div 100 =$	
g	$858 \div 100 =$	

4

a	$919 \div 100 =$	
b	$512 \div 100 =$	
c	$932 \div 100 =$	
d	$606 \div 100 =$	
e	$865 \div 100 =$	
f	$786 \div 100 =$	
g	$909 \div 100 =$	

OBJECTIVE

Divide any 4-digit number by 100

Name

Year/Class



If you
are unsure, check
out the example
below:

$$2984 \div 100 = 29.84$$

1 a $4517 \div 100 =$

b $2918 \div 100 =$

c $3306 \div 100 =$

d $5061 \div 100 =$

e $1265 \div 100 =$

f $5506 \div 100 =$

g $2193 \div 100 =$

2 a $3157 \div 100 =$

b $4152 \div 100 =$

c $5132 \div 100 =$

d $2006 \div 100 =$

e $3107 \div 100 =$

f $4876 \div 100 =$

g $7006 \div 100 =$

3 a $4196 \div 100 =$

b $5152 \div 100 =$

c $6573 \div 100 =$

d $3517 \div 100 =$

e $7956 \div 100 =$

f $8176 \div 100 =$

g $4401 \div 100 =$

4 a $7365 \div 100 =$

b $9458 \div 100 =$

c $8921 \div 100 =$

d $6917 \div 100 =$

e $7789 \div 100 =$

f $9156 \div 100 =$

g $9002 \div 100 =$

OBJECTIVE

Divide any 2-digit number by 100

Name

Year/Class



Remember,
the decimal
point in a whole
number is to the
right of the digits.
To divide by 100,
move the digits
2 places to the
right.

1

a	$37 \div 100 =$	
b	$59 \div 100 =$	
c	$63 \div 100 =$	
d	$41 \div 100 =$	
e	$64 \div 100 =$	
f	$52 \div 100 =$	
g	$38 \div 100 =$	

2

a	$46 \div 100 =$	
b	$76 \div 100 =$	
c	$71 \div 100 =$	
d	$36 \div 100 =$	
e	$74 \div 100 =$	
f	$48 \div 100 =$	
g	$69 \div 100 =$	

3

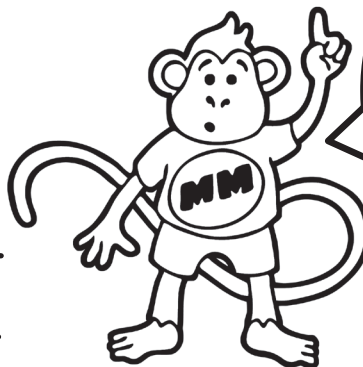
a	$57 \div 100 =$	
b	$75 \div 100 =$	
c	$68 \div 100 =$	
d	$88 \div 100 =$	
e	$66 \div 100 =$	
f	$72 \div 100 =$	
g	$58 \div 100 =$	

4

a	$61 \div 100 =$	
b	$96 \div 100 =$	
c	$87 \div 100 =$	
d	$91 \div 100 =$	
e	$63 \div 100 =$	
f	$99 \div 100 =$	
g	$65 \div 100 =$	

OBJECTIVE

Divide a decimal number
(tens, ones and tenths) by 100



Make sure
the decimal
point stays still
and digits move
2 places to
the right.

Name

Year/Class

1 a $11.6 \div 100 =$

b $25.3 \div 100 =$

c $26.7 \div 100 =$

d $43.6 \div 100 =$

e $55.2 \div 100 =$

f $42.3 \div 100 =$

g $26.3 \div 100 =$

2 a $68.9 \div 100 =$

b $53.7 \div 100 =$

c $46.9 \div 100 =$

d $65.2 \div 100 =$

e $36.7 \div 100 =$

f $50.7 \div 100 =$

g $38.6 \div 100 =$

3 a $73.7 \div 100 =$

b $69.6 \div 100 =$

c $86.1 \div 100 =$

d $55.8 \div 100 =$

e $60.7 \div 100 =$

f $35.6 \div 100 =$

g $77.8 \div 100 =$

4 a $88.7 \div 100 =$

b $90.6 \div 100 =$

c $95.6 \div 100 =$

d $61.7 \div 100 =$

e $80.9 \div 100 =$

f $30.0 \div 100 =$

g $90.7 \div 100 =$

OBJECTIVE

Divide a decimal number
(ones and tenths) by 100

Name

Year/Class



As you move
the digits 2 places
to the right, put a
zero in the space
remaining. Look at
the example:

$$3.6 \div 100 = 0.036$$

1

a $2.6 \div 100 =$

b $5.1 \div 100 =$

c $3.5 \div 100 =$

d $2.5 \div 100 =$

e $6.2 \div 100 =$

f $5.5 \div 100 =$

g $4.7 \div 100 =$

2

a $3.8 \div 100 =$

b $6.3 \div 100 =$

c $4.4 \div 100 =$

d $7.8 \div 100 =$

e $2.2 \div 100 =$

f $6.9 \div 100 =$

g $5.7 \div 100 =$

3

a $8.8 \div 100 =$

b $3.9 \div 100 =$

c $4.5 \div 100 =$

d $2.9 \div 100 =$

e $9.7 \div 100 =$

f $7.9 \div 100 =$

g $5.6 \div 100 =$

4

a $9.7 \div 100 =$

b $4.8 \div 100 =$

c $9.6 \div 100 =$

d $7.6 \div 100 =$

e $8.3 \div 100 =$

f $3.3 \div 100 =$

g $9.9 \div 100 =$

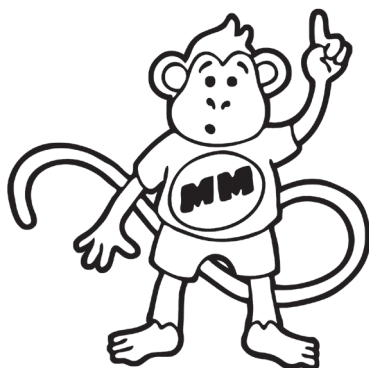
OBJECTIVE

Use the inverse operation to find missing numbers when dividing by 100

Name

Year/Class

Remember, to perform the inverse of division, move the digits to the left.



1

a	416	÷		=	4.16
b	325	÷		=	3.25
c	495	÷		=	4.95
d	478	÷		=	4.78
e		÷	100	=	2.51

2

a		÷	100	=	5.6
b		÷	100	=	6.7
c		÷	100	=	4.6
d		÷	100	=	0.36
e		÷	100	=	8.9

3

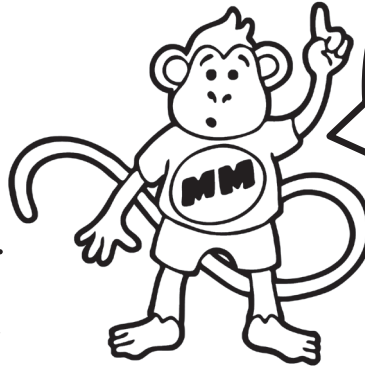
a	569	÷	100	=	
b	617	÷		=	6.17
c		÷	100	=	12.7
d		÷	100	=	3.69
e	1567	÷		=	15.67

4

a		÷	100	=	29.6
b		÷	100	=	37.8
c	3756	÷	100	=	
d	7407	÷		=	74.07
e		÷	100	=	96.7

OBJECTIVE

Divide a multiple of 1000 by 1000



The digits
move 3 places
to the right
now. Try to
speed up as you
get the hang
of it.

Name

Year/Class

1 a $5000 \div 1000 =$

b $6000 \div 1000 =$

c $8000 \div 1000 =$

d $3000 \div 1000 =$

e $9000 \div 1000 =$

f $7000 \div 1000 =$

g $4000 \div 1000 =$

2 a $12000 \div 1000 =$

b $19000 \div 1000 =$

c $38000 \div 1000 =$

d $53000 \div 1000 =$

e $46000 \div 1000 =$

f $26000 \div 1000 =$

g $10000 \div 1000 =$

3 a $58000 \div 1000 =$

b $67000 \div 1000 =$

c $90000 \div 1000 =$

d $56000 \div 1000 =$

e $89000 \div 1000 =$

f $70000 \div 1000 =$

g $77000 \div 1000 =$

4 a $92000 \div 1000 =$

b $80000 \div 1000 =$

c $95000 \div 1000 =$

d $66000 \div 1000 =$

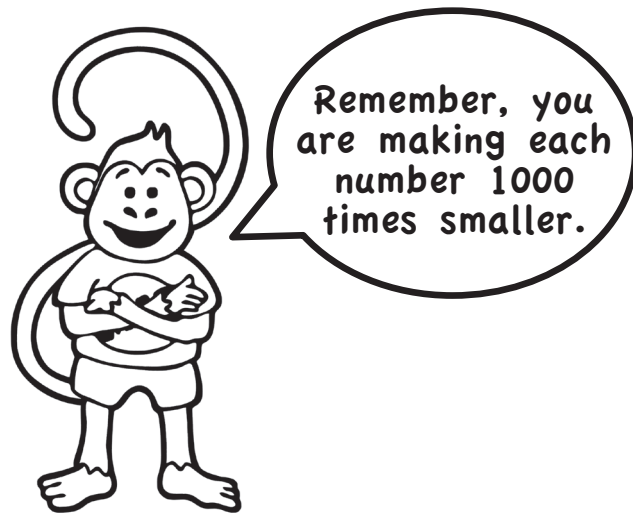
e $89000 \div 1000 =$

f $96000 \div 1000 =$

g $81000 \div 1000 =$

OBJECTIVE

Divide any 3-digit number by 1000



Name

Year/Class

1 a $652 \div 1000 =$

b $316 \div 1000 =$

c $236 \div 1000 =$

d $452 \div 1000 =$

e $667 \div 1000 =$

f $357 \div 1000 =$

g $116 \div 1000 =$

2 a $699 \div 1000 =$

b $737 \div 1000 =$

c $586 \div 1000 =$

d $362 \div 1000 =$

e $661 \div 1000 =$

f $567 \div 1000 =$

g $609 \div 1000 =$

3 a $414 \div 1000 =$

b $575 \div 1000 =$

c $892 \div 1000 =$

d $715 \div 1000 =$

e $238 \div 1000 =$

f $802 \div 1000 =$

g $499 \div 1000 =$

4 a $816 \div 1000 =$

b $915 \div 1000 =$

c $775 \div 1000 =$

d $658 \div 1000 =$

e $889 \div 1000 =$

f $967 \div 1000 =$

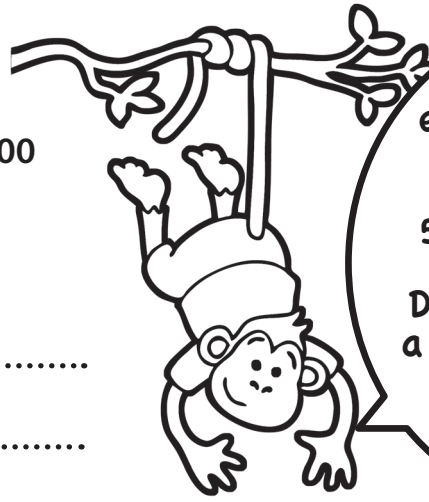
g $919 \div 1000 =$

OBJECTIVE

Divide any 2-digit number by 1000

Name

Year/Class



Look at the example below if you are unsure:

$$58 \div 1000 = 0.058$$

Don't forget to put a zero in the space left (after the digits have been moved).

1

a $15 \div 1000 =$

b $48 \div 1000 =$

c $21 \div 1000 =$

d $38 \div 1000 =$

e $56 \div 1000 =$

f $45 \div 1000 =$

g $11 \div 1000 =$

2

a $26 \div 1000 =$

b $32 \div 1000 =$

c $67 \div 1000 =$

d $52 \div 1000 =$

e $22 \div 1000 =$

f $39 \div 1000 =$

g $29 \div 1000 =$

3

a $35 \div 1000 =$

b $72 \div 1000 =$

c $89 \div 1000 =$

d $49 \div 1000 =$

e $68 \div 1000 =$

f $96 \div 1000 =$

g $75 \div 1000 =$

4

a $79 \div 1000 =$

b $85 \div 1000 =$

c $97 \div 1000 =$

d $92 \div 1000 =$

e $86 \div 1000 =$

f $76 \div 1000 =$

g $99 \div 1000 =$

OBJECTIVE

Divide a decimal number (tens, ones and tenths) by 1000

Name

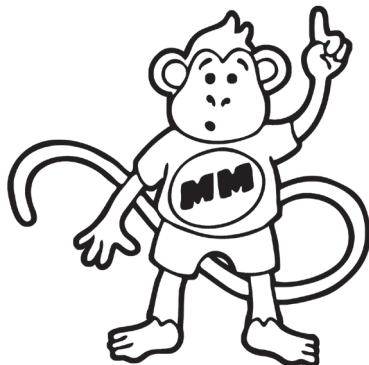
.....

.....

Year/Class

.....

Remember,
it's the digits
that move, not
the decimal point.
Put a zero if a
space is left (or
zeros if spaces
are left).



1

a

$68.9 \div 1000 =$

b

$32.7 \div 1000 =$

c

$55.6 \div 1000 =$

d

$66.9 \div 1000 =$

e

$48.6 \div 1000 =$

2

a

$36.4 \div 1000 =$

b

$31.7 \div 1000 =$

c

$40.1 \div 1000 =$

d

$71.2 \div 1000 =$

e

$58.9 \div 1000 =$

3

a

$69.7 \div 1000 =$

b

$80.7 \div 1000 =$

c

$81.3 \div 1000 =$

d

$75.6 \div 1000 =$

e

$40.8 \div 1000 =$

4

a

$85.2 \div 1000 =$

b

$80.6 \div 1000 =$

c

$61.7 \div 1000 =$

d

$87.3 \div 1000 =$

e

$98.9 \div 1000 =$

OBJECTIVE

Use the inverse operation to find missing numbers when dividing by 1000

Name

Year/Class



Remember, 58 and 58.0 are the same number. Think carefully about which way to move the digits.

1

a	58	÷		=	0.058
b	27	÷		=	0.027
c	75	÷	1000	=	
d	63	÷		=	0.063
e		÷	1000	=	0.072

2

a		÷	1000	=	7.536
b		÷	1000	=	2.624
c		÷	1000	=	5.675
d	2585	÷		=	2.585
e		÷	1000	=	6.132

3

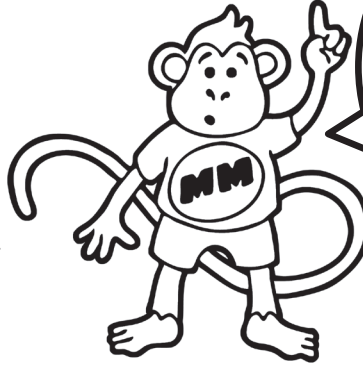
a	7336	÷	1000	=	
b	1106	÷		=	1.106
c		÷	1000	=	0.075
d	2617	÷		=	2.617
e	3987	÷		=	3.987

4

a		÷	1000	=	0.59
b		÷	1000	=	0.617
c	9576	÷	1000	=	
d	3481	÷		=	3.481
e		÷	1000	=	0.752

OBJECTIVE

Use division to change
millimetres to centimetres



To change
millimetres to
centimetres,
divide by 10.
Remember,
10mm = 1cm

Name

Year/Class

1 a 15mm = cm

b 23mm = cm

c 26mm = cm

d 67mm = cm

e 52mm = cm

f 95mm = cm

g 38mm = cm

2 a 49mm = cm

b 47mm = cm

c 85mm = cm

d 69mm = cm

e 92mm = cm

f 76mm = cm

g 89mm = cm

3 a 462mm = cm

b 752mm = cm

c 561mm = cm

d 869mm = cm

e 652mm = cm

f 953mm = cm

g 495mm = cm

4 a 898mm = cm

b 675mm = cm

c 817mm = cm

d 606mm = cm

e 981mm = cm

f 507mm = cm

g 765mm = cm

OBJECTIVE

Use division to change
pence to pounds



To change
pence to pounds,
divide by 100.
Remember,
100p = £1.

Name

Year/Class

- 1**
- | | | | |
|----------|------|---|---|
| a | 157p | = | £ |
| b | 618p | = | £ |
| c | 236p | = | £ |
| d | 445p | = | £ |
| e | 129p | = | £ |
| f | 358p | = | £ |
| g | 289p | = | £ |

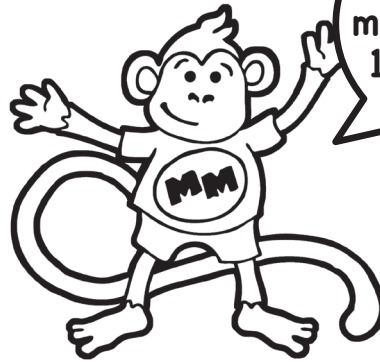
- 2**
- | | | | |
|----------|------|---|---|
| a | 106p | = | £ |
| b | 598p | = | £ |
| c | 251p | = | £ |
| d | 355p | = | £ |
| e | 615p | = | £ |
| f | 115p | = | £ |
| g | 207p | = | £ |

- 3**
- | | | | |
|----------|------|---|---|
| a | 758p | = | £ |
| b | 467p | = | £ |
| c | 661p | = | £ |
| d | 516p | = | £ |
| e | 556p | = | £ |
| f | 706p | = | £ |
| g | 899p | = | £ |

- 4**
- | | | | |
|----------|------|---|---|
| a | 898p | = | £ |
| b | 606p | = | £ |
| c | 989p | = | £ |
| d | 818p | = | £ |
| e | 699p | = | £ |
| f | 715p | = | £ |
| g | 999p | = | £ |

OBJECTIVE

Use division to change centimetres to metres



Name

Year/Class

- 1**
- | | | | |
|----------|-------|---|------------------------|
| a | 600cm | = | <input type="text"/> m |
| b | 250cm | = | <input type="text"/> m |
| c | 350cm | = | <input type="text"/> m |
| d | 700cm | = | <input type="text"/> m |
| e | 100cm | = | <input type="text"/> m |
| f | 750cm | = | <input type="text"/> m |
| g | 550cm | = | <input type="text"/> m |

- 2**
- | | | | |
|----------|-------|---|------------------------|
| a | 800cm | = | <input type="text"/> m |
| b | 480cm | = | <input type="text"/> m |
| c | 320cm | = | <input type="text"/> m |
| d | 590cm | = | <input type="text"/> m |
| e | 990cm | = | <input type="text"/> m |
| f | 860cm | = | <input type="text"/> m |
| g | 750cm | = | <input type="text"/> m |

- 3**
- | | | | |
|----------|-------|---|------------------------|
| a | 475cm | = | <input type="text"/> m |
| b | 358cm | = | <input type="text"/> m |
| c | 636cm | = | <input type="text"/> m |
| d | 416cm | = | <input type="text"/> m |
| e | 852cm | = | <input type="text"/> m |
| f | 246cm | = | <input type="text"/> m |
| g | 455cm | = | <input type="text"/> m |

- 4**
- | | | | |
|----------|-------|---|------------------------|
| a | 869cm | = | <input type="text"/> m |
| b | 759cm | = | <input type="text"/> m |
| c | 617cm | = | <input type="text"/> m |
| d | 389cm | = | <input type="text"/> m |
| e | 819cm | = | <input type="text"/> m |
| f | 357cm | = | <input type="text"/> m |
| g | 936cm | = | <input type="text"/> m |

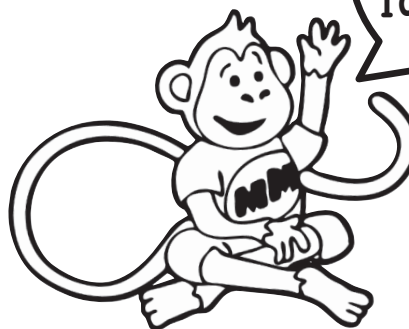
OBJECTIVE

Use division to change
millilitres to litres

To change
millilitres to
litres, divide by
1000. Remember,
1000ml = 1l.

Name

Year/Class



1 a 1200ml = l

b 1100ml = l

c 3200ml = l

d 2900ml = l

e 3600ml = l

f 4500ml = l

g 3300ml = l

2 a 7800ml = l

b 2800ml = l

c 4800ml = l

d 3700ml = l

e 4500ml = l

f 7300ml = l

g 6900ml = l

3 a 1560ml = l

b 2370ml = l

c 1960ml = l

d 4065ml = l

e 8125ml = l

f 7565ml = l

g 5005ml = l

4 a 3580ml = l

b 1756ml = l

c 2917ml = l

d 1532ml = l

e 5892ml = l

f 8009ml = l

g 9987ml = l

OBJECTIVE

Use division to change metres to kilometres

Name

Year/Class



To change metres to kilometres, divide by 1000. Remember, 1000m = 1km.

1 a $2000m =$ km

b $5000m =$ km

c $3000m =$ km

d $4000m =$ km

e $6000m =$ km

f $8000m =$ km

g $7000m =$ km

2 a $6000m =$ km

b $4700m =$ km

c $6900m =$ km

d $8600m =$ km

e $1700m =$ km

f $3200m =$ km

g $9400m =$ km

3 a $1375m =$ km

b $9136m =$ km

c $7502m =$ km

d $3678m =$ km

e $8792m =$ km

f $2093m =$ km

g $6269m =$ km

4 a $5175m =$ km

b $169m =$ km

c $1296m =$ km

d $9587m =$ km

e $146m =$ km

f $9008m =$ km

g $156m =$ km

OBJECTIVE

Solve a 1-step division calculation (with no remainder) and use it to create a real-life word problem

Name

Year/Class

Here's an example for $64 \div 8$.

64 sweets are shared between 8 children. How many do they get each?

Create word problems for at least 1 section.



1

a	49	$\div$	7	=	
b	24	$\div$	6	=	
c	18	$\div$	3	=	
d	72	$\div$	8	=	
e	36	$\div$	6	=	
f	63	$\div$	7	=	
g	27	$\div$	3	=	

2

a	48	$\div$	8	=	
b	21	$\div$	3	=	
c	48	$\div$	6	=	
d	32	$\div$	8	=	
e	36	$\div$	12	=	
f	60	$\div$	6	=	
g	35	$\div$	7	=	

3

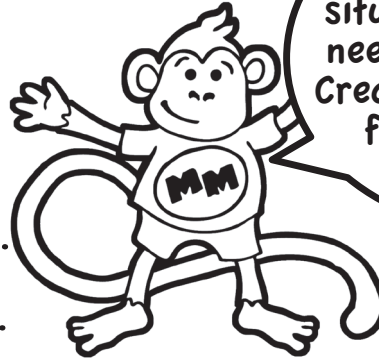
a	32	$\div$	4	=	
b	18	$\div$	6	=	
c	42	$\div$	7	=	
d	20	$\div$	5	=	
e	72	$\div$	9	=	
f	27	$\div$	9	=	
g	84	$\div$	12	=	

4

a	44	$\div$	11	=	
b	70	$\div$	7	=	
c	28	$\div$	4	=	
d	88	$\div$	11	=	
e	90	$\div$	9	=	
f	96	$\div$	12	=	
g	81	$\div$	9	=	

OBJECTIVE

Solve a 1-step division calculation (with a remainder) and use it to create a real-life word problem



Try to think of real life situations where you need to use division. Create word problems for at least one section.

Name

Year/Class

1

a	37	÷	4	=	
b	20	÷	6	=	
c	41	÷	4	=	
d	23	÷	5	=	
e	26	÷	4	=	
f	25	÷	3	=	
g	11	÷	2	=	

2

a	49	÷	11	=	
b	53	÷	7	=	
c	29	÷	4	=	
d	89	÷	11	=	
e	56	÷	5	=	
f	61	÷	7	=	
g	45	÷	6	=	

3

a	52	÷	7	=	
b	46	÷	6	=	
c	45	÷	4	=	
d	70	÷	8	=	
e	38	÷	6	=	
f	61	÷	7	=	
g	75	÷	9	=	

4

a	49	÷	8	=	
b	23	÷	7	=	
c	50	÷	9	=	
d	30	÷	8	=	
e	37	÷	12	=	
f	65	÷	8	=	
g	32	÷	7	=	

OBJECTIVE

Solve a 2-step calculation
(including division)

Name

Year/Class



Do the division
calculation
first, then the
add/subtract
part.

1

a	$21 \div 7 + 6 =$	
b	$24 \div 3 + 2 =$	
c	$16 \div 4 - 3 =$	
d	$56 \div 7 - 7 =$	
e	$20 \div 4 + 6 =$	
f	$15 \div 3 + 3 =$	
g	$48 \div 6 + 10 =$	

2

a	$18 \div 6 + 7 =$	
b	$27 \div 3 - 3 =$	
c	$32 \div 8 - 2 =$	
d	$36 \div 6 + 9 =$	
e	$36 \div 4 + 8 =$	
f	$15 \div 3 + 11 =$	
g	$35 \div 7 + 10 =$	

3

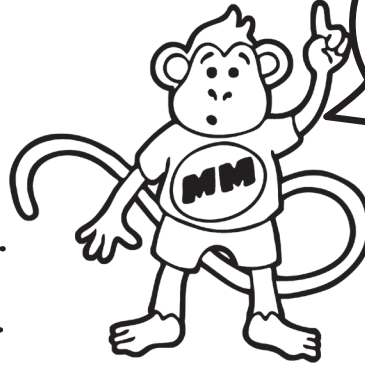
a	$9 \div 3 + 6 =$	
b	$56 \div 8 + 8 =$	
c	$44 \div 4 - 3 =$	
d	$63 \div 7 - 6 =$	
e	$72 \div 9 + 13 =$	
f	$48 \div 8 + 7 =$	
g	$36 \div 12 + 8 =$	

4

a	$28 \div 7 + 8 =$	
b	$45 \div 9 + 19 =$	
c	$88 \div 11 - 3 =$	
d	$63 \div 9 + 17 =$	
e	$48 \div 12 + 21 =$	
f	$54 \div 6 + 6 =$	
g	$81 \div 9 + 3 =$	

OBJECTIVE

Find the square root of a number



Once you have worked out your answer, multiply it by itself to check.

Name

Year/Class

- 1**
- a** square root of 4 =
 - b** $\sqrt{16}$ =
 - c** $\sqrt{36}$ =
 - d** $\sqrt{9}$ =
 - e** square root of 49 =
 - f** $\sqrt{25}$ =
 - g** $\sqrt{64}$ =

- 2**
- a** $\sqrt{121}$ =
 - b** square root of 25 =
 - c** $\sqrt{64}$ =
 - d** $\sqrt{81}$ =
 - e** $\sqrt{100}$ =
 - f** square root of 49 =
 - g** $\sqrt{36}$ =

- 3**
- a** $\sqrt{121}$ =
 - b** square root of 144 =
 - c** $\sqrt{64}$ =
 - d** $\sqrt{49}$ =
 - e** square root of 36 =
 - f** $\sqrt{81}$ =
 - g** $\sqrt{100}$ =

- 4**
- a** $\sqrt{121}$ =
 - b** $\sqrt{169}$ =
 - c** $\sqrt{144}$ =
 - d** square root of 81 =
 - e** $\sqrt{100}$ =
 - f** $\sqrt{64}$ =
 - g** square root of 196 =

OBJECTIVE

Find the missing number using the inverse

Work backwards through the calculation, using the inverse of each operation.



Name

Year/Class

1 a $\times 2 - 2 = 6$

b $\times 3 - 3 = 9$

c $\times 2 + 6 = 18$

d $\times 4 - 4 = 28$

e $\times 3 + 3 = 24$

f $\times 6 - 6 = 30$

g $\times 9 + 2 = 47$

2 a $\times 5 - 7 = 18$

b $\times 2 + 8 = 32$

c $\times 7 - 8 = 48$

d $\times 4 + 9 = 65$

e $\times 3 + 6 = 36$

f $\times 8 - 9 = 55$

g $\times 5 + 4 = 44$

3 a $\times 6 - 4 = 38$

b $\times 5 + 6 = 61$

c $\times 9 - 4 = 59$

d $\times 11 + 8 = 85$

e $\times 4 + 9 = 37$

f $\times 7 - 5 = 44$

g $\times 8 - 7 = 33$

4 a $\times 6 - 6 = 54$

b $\times 9 - 5 = 67$

c $\times 8 + 8 = 32$

d $\times 12 + 6 = 90$

e $\times 5 + 10 = 40$

f $\times 9 + 15 = 51$

g $\times 8 - 3 = 69$

OBJECTIVE

Solve division calculations with remainders (dividing by 2,3,4 and 5)



Use related division facts of times tables. Remember to calculate the remainder.

Name

Year/Class

1

a	$17 \div 2 =$	
b	$13 \div 3 =$	
c	$30 \div 4 =$	
d	$21 \div 2 =$	
e	$26 \div 5 =$	
f	$17 \div 3 =$	
g	$23 \div 4 =$	

2

a	$15 \div 2 =$	
b	$34 \div 3 =$	
c	$38 \div 4 =$	
d	$23 \div 2 =$	
e	$17 \div 5 =$	
f	$29 \div 3 =$	
g	$68 \div 5 =$	

3

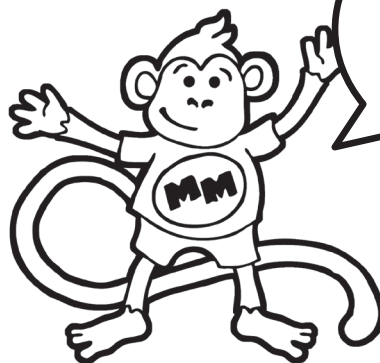
a	$25 \div 3 =$	
b	$19 \div 4 =$	
c	$52 \div 5 =$	
d	$13 \div 2 =$	
e	$46 \div 5 =$	
f	$35 \div 3 =$	
g	$29 \div 4 =$	

4

a	$49 \div 4 =$	
b	$7 \div 2 =$	
c	$37 \div 5 =$	
d	$23 \div 3 =$	
e	$45 \div 4 =$	
f	$25 \div 2 =$	
g	$37 \div 4 =$	

OBJECTIVE

Solve division calculations with remainders (dividing by 6, 7, 8 and 9)



Name

Year/Class

1

a	$19 \div 6 =$	
b	$15 \div 7 =$	
c	$33 \div 8 =$	
d	$14 \div 6 =$	
e	$23 \div 7 =$	
f	$43 \div 6 =$	
g	$28 \div 9 =$	

2

a	$26 \div 7 =$	
b	$10 \div 6 =$	
c	$32 \div 7 =$	
d	$34 \div 6 =$	
e	$60 \div 8 =$	
f	$27 \div 6 =$	
g	$84 \div 9 =$	

3

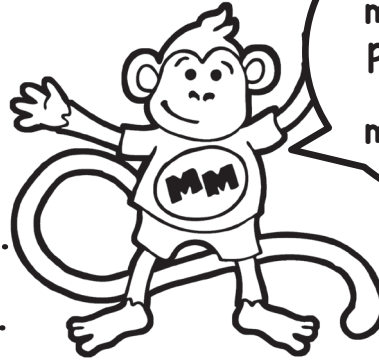
a	$88 \div 7 =$	
b	$45 \div 8 =$	
c	$52 \div 6 =$	
d	$50 \div 7 =$	
e	$64 \div 6 =$	
f	$39 \div 9 =$	
g	$39 \div 7 =$	

4

a	$71 \div 6 =$	
b	$69 \div 7 =$	
c	$59 \div 6 =$	
d	$79 \div 8 =$	
e	$76 \div 7 =$	
f	$29 \div 6 =$	
g	$80 \div 9 =$	

OBJECTIVE

Use a written method to divide without remainders (dividing by 2, 3, 4 and 5)



Try either the chunking method shown on pages 92 and 93 or the compact method shown on page 95.

Name

Year/Class

1

a	32	÷	2	=	
b	60	÷	4	=	
c	48	÷	3	=	
d	76	÷	4	=	
e	80	÷	5	=	
f	60	÷	5	=	
g	38	÷	2	=	

2

a	51	÷	3	=	
b	64	÷	4	=	
c	54	÷	3	=	
d	95	÷	5	=	
e	90	÷	5	=	
f	84	÷	4	=	
g	46	÷	2	=	

3

a	42	÷	3	=	
b	92	÷	4	=	
c	100	÷	4	=	
d	130	÷	5	=	
e	57	÷	3	=	
f	72	÷	3	=	
g	75	÷	5	=	

4

a	78	÷	3	=	
b	96	÷	4	=	
c	85	÷	5	=	
d	72	÷	4	=	
e	72	÷	3	=	
f	104	÷	4	=	
g	105	÷	5	=	

OBJECTIVE

Use a written method to divide without remainders (dividing by 6, 7, 8 and 9)

Name

Year/Class



Choose either the chunking method shown on pages 92 and 93 or the compact method shown on page 94.

1

a	78	÷	6	=	
b	91	÷	7	=	
c	144	÷	9	=	
d	84	÷	6	=	
e	104	÷	8	=	
f	105	÷	7	=	
g	112	÷	8	=	

2

a	98	÷	7	=	
b	126	÷	9	=	
c	108	÷	6	=	
d	120	÷	8	=	
e	153	÷	9	=	
f	119	÷	7	=	
g	136	÷	8	=	

3

a	96	÷	6	=	
b	135	÷	9	=	
c	90	÷	6	=	
d	128	÷	8	=	
e	126	÷	6	=	
f	126	÷	7	=	
g	162	÷	9	=	

4

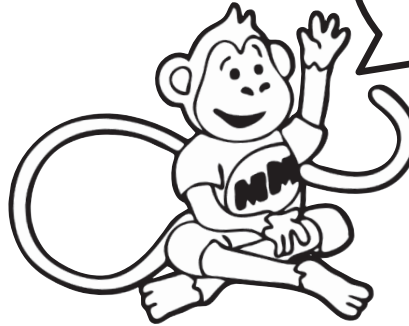
a	144	÷	8	=	
b	114	÷	6	=	
c	171	÷	9	=	
d	102	÷	6	=	
e	133	÷	7	=	
f	108	÷	6	=	
g	152	÷	8	=	

OBJECTIVE

Use a written method to divide with remainders (dividing by 2, 3, 4 and 5)

Name

Year/Class



Decide which method you are confident with and keep to it.

1

a	$56 \div 5 =$	
b	$94 \div 3 =$	
c	$47 \div 2 =$	
d	$85 \div 4 =$	
e	$57 \div 5 =$	
f	$67 \div 2 =$	
g	$86 \div 4 =$	

2

a	$67 \div 5 =$	
b	$74 \div 4 =$	
c	$86 \div 3 =$	
d	$92 \div 5 =$	
e	$65 \div 4 =$	
f	$86 \div 5 =$	
g	$47 \div 3 =$	

3

a	$67 \div 4 =$	
b	$73 \div 2 =$	
c	$68 \div 5 =$	
d	$97 \div 4 =$	
e	$78 \div 5 =$	
f	$77 \div 4 =$	
g	$69 \div 5 =$	

4

a	$95 \div 4 =$	
b	$98 \div 5 =$	
c	$88 \div 3 =$	
d	$74 \div 3 =$	
e	$87 \div 4 =$	
f	$89 \div 5 =$	
g	$99 \div 4 =$	

OBJECTIVE

Use a written method to divide with remainders (dividing by 6, 7, 8 and 9)

Name

Year/Class



Stay
consistent
with your
method!

1

a	$75 \div 6 =$	
b	$89 \div 6 =$	
c	$95 \div 7 =$	
d	$97 \div 8 =$	
e	$92 \div 6 =$	
f	$115 \div 9 =$	
g	$85 \div 6 =$	

2

a	$91 \div 6 =$	
b	$88 \div 7 =$	
c	$100 \div 8 =$	
d	$87 \div 6 =$	
e	$111 \div 8 =$	
f	$99 \div 7 =$	
g	$95 \div 6 =$	

3

a	$110 \div 8 =$	
b	$87 \div 6 =$	
c	$142 \div 7 =$	
d	$115 \div 8 =$	
e	$75 \div 6 =$	
f	$86 \div 9 =$	
g	$96 \div 7 =$	

4

a	$123 \div 9 =$	
b	$136 \div 7 =$	
c	$127 \div 6 =$	
d	$112 \div 9 =$	
e	$141 \div 8 =$	
f	$98 \div 6 =$	
g	$149 \div 9 =$	

OBJECTIVE

Use a written method to divide
a 3-digit number by 3, 4 and 5
(Part 1)

Name

Year/Class



Use the
method that
works for you.

1 a $157 \div 3 =$

b $168 \div 5 =$

c $164 \div 3 =$

d $217 \div 4 =$

e $186 \div 3 =$

f $179 \div 5 =$

g $192 \div 3 =$

2 a $189 \div 4 =$

b $251 \div 5 =$

c $210 \div 3 =$

d $256 \div 5 =$

e $217 \div 3 =$

f $226 \div 4 =$

g $189 \div 5 =$

3 a $306 \div 5 =$

b $317 \div 4 =$

c $347 \div 3 =$

d $491 \div 5 =$

e $386 \div 4 =$

f $392 \div 3 =$

g $465 \div 3 =$

4 a $486 \div 4 =$

b $277 \div 3 =$

c $392 \div 4 =$

d $517 \div 5 =$

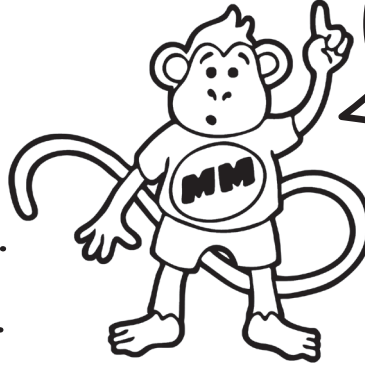
e $359 \div 3 =$

f $517 \div 4 =$

g $465 \div 5 =$

OBJECTIVE

Use a written method to divide
a 3-digit number by 3, 4 and 5
(Part 2)



Set out
your calculation
carefully to make
the method
clearer.

Name

Year/Class

1 a $681 \div 3 =$

b $957 \div 5 =$

c $489 \div 4 =$

d $752 \div 3 =$

e $617 \div 4 =$

f $532 \div 3 =$

g $496 \div 3 =$

2 a $817 \div 4 =$

b $632 \div 3 =$

c $616 \div 5 =$

d $757 \div 5 =$

e $492 \div 3 =$

f $916 \div 4 =$

g $815 \div 5 =$

3 a $617 \div 3 =$

b $596 \div 4 =$

c $832 \div 5 =$

d $596 \div 3 =$

e $746 \div 5 =$

f $587 \div 3 =$

g $861 \div 4 =$

4 a $589 \div 4 =$

b $667 \div 3 =$

c $953 \div 5 =$

d $878 \div 5 =$

e $775 \div 3 =$

f $892 \div 4 =$

g $976 \div 3 =$

OBJECTIVE

Use a written method to divide a 3-digit number by 6, 7, 8 and 9

Name

Year/Class



You'll need to know your 6, 7, 8 and 9 times tables to do these.

1

a	$175 \div 6 =$	
b	$256 \div 9 =$	
c	$661 \div 7 =$	
d	$189 \div 6 =$	
e	$237 \div 6 =$	
f	$436 \div 8 =$	
g	$458 \div 7 =$	

2

a	$221 \div 6 =$	
b	$632 \div 7 =$	
c	$516 \div 8 =$	
d	$559 \div 6 =$	
e	$452 \div 9 =$	
f	$256 \div 6 =$	
g	$589 \div 7 =$	

3

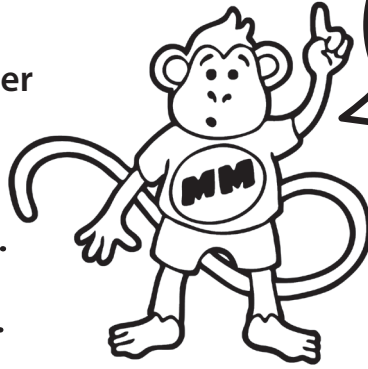
a	$557 \div 7 =$	
b	$342 \div 6 =$	
c	$619 \div 9 =$	
d	$517 \div 8 =$	
e	$369 \div 6 =$	
f	$638 \div 7 =$	
g	$835 \div 9 =$	

4

a	$817 \div 9 =$	
b	$375 \div 6 =$	
c	$756 \div 8 =$	
d	$699 \div 7 =$	
e	$486 \div 6 =$	
f	$748 \div 7 =$	
g	$896 \div 9 =$	

OBJECTIVE

Use a written method to divide
a 3-digit number by any 1-digit number



You'll need
to know all
your tables up to
9 times to
do these.

Name

Year/Class

1

a	$567 \div 2 =$	
b	$956 \div 6 =$	
c	$586 \div 3 =$	
d	$915 \div 8 =$	
e	$873 \div 4 =$	
f	$756 \div 4 =$	
g	$915 \div 8 =$	

2

a	$754 \div 9 =$	
b	$492 \div 7 =$	
c	$865 \div 5 =$	
d	$725 \div 9 =$	
e	$925 \div 8 =$	
f	$832 \div 6 =$	
g	$946 \div 7 =$	

3

a	$432 \div 2 =$	
b	$893 \div 6 =$	
c	$675 \div 4 =$	
d	$956 \div 9 =$	
e	$857 \div 6 =$	
f	$832 \div 9 =$	
g	$694 \div 8 =$	

4

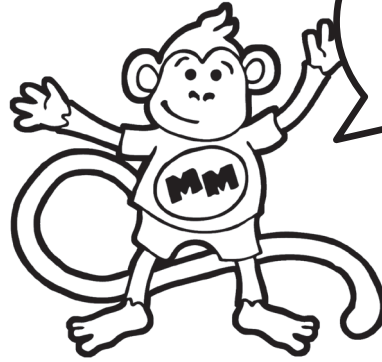
a	$617 \div 5 =$	
b	$751 \div 8 =$	
c	$836 \div 6 =$	
d	$596 \div 7 =$	
e	$817 \div 6 =$	
f	$965 \div 8 =$	
g	$926 \div 7 =$	

OBJECTIVE

Use a written method to divide a 3-digit number by 6, 7, 8 and 9

Name

Year/Class



- 1**
- a** $815 \div 6 =$
 - b** $936 \div 8 =$
 - c** $758 \div 6 =$
 - d** $817 \div 6 =$
 - e** $945 \div 8 =$
 - f** $967 \div 7 =$
 - g** $958 \div 9 =$

- 2**
- a** $816 \div 7 =$
 - b** $935 \div 7 =$
 - c** $749 \div 6 =$
 - d** $993 \div 8 =$
 - e** $806 \div 6 =$
 - f** $997 \div 9 =$
 - g** $956 \div 7 =$

- 3**
- a** $906 \div 8 =$
 - b** $759 \div 6 =$
 - c** $896 \div 7 =$
 - d** $958 \div 6 =$
 - e** $972 \div 9 =$
 - f** $898 \div 6 =$
 - g** $963 \div 8 =$

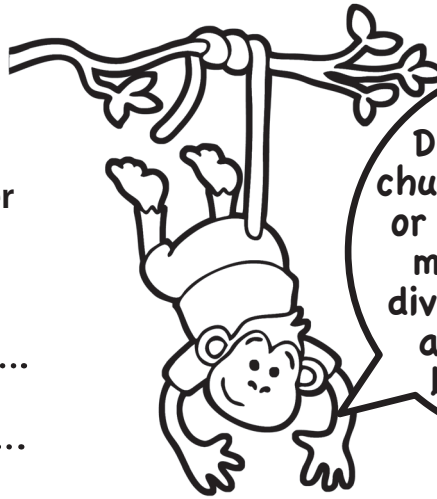
- 4**
- a** $897 \div 6 =$
 - b** $953 \div 8 =$
 - c** $816 \div 6 =$
 - d** $985 \div 9 =$
 - e** $932 \div 7 =$
 - f** $897 \div 7 =$
 - g** $907 \div 6 =$

OBJECTIVE

Use a written method to divide a 3-digit number by a 2-digit number (no remainder)

Name

Year/Class



Decide whether chunking (page 94) or the traditional method of long division (pages 96 and 97) works best for you.

1

a	$323 \div 17 =$	
b	$455 \div 13 =$	
c	$752 \div 16 =$	
d	$630 \div 15 =$	
e	$336 \div 14 =$	
f	$429 \div 11 =$	
g	$552 \div 12 =$	

2

a	$456 \div 12 =$	
b	$374 \div 17 =$	
c	$750 \div 15 =$	
d	$585 \div 13 =$	
e	$486 \div 18 =$	
f	$798 \div 14 =$	
g	$399 \div 19 =$	

3

a	$803 \div 11 =$	
b	$323 \div 19 =$	
c	$975 \div 15 =$	
d	$612 \div 12 =$	
e	$944 \div 16 =$	
f	$782 \div 17 =$	
g	$864 \div 18 =$	

4

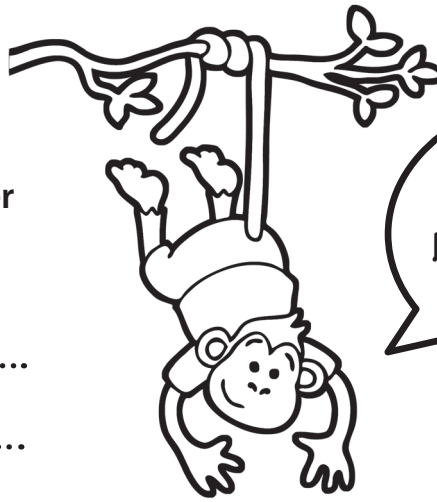
a	$663 \div 13 =$	
b	$816 \div 17 =$	
c	$616 \div 14 =$	
d	$990 \div 18 =$	
e	$735 \div 15 =$	
f	$976 \div 16 =$	
g	$988 \div 19 =$	

OBJECTIVE

Use a written method to divide
a 3-digit number by a 2-digit number
(with a remainder)

Name

Year/Class



Use the
same method
but these have
a remainder.

1

a	$399 \div 11 =$	
b	$586 \div 12 =$	
c	$406 \div 19 =$	
d	$378 \div 13 =$	
e	$746 \div 15 =$	
f	$589 \div 18 =$	
g	$632 \div 19 =$	

2

a	$509 \div 12 =$	
b	$492 \div 15 =$	
c	$352 \div 13 =$	
d	$678 \div 14 =$	
e	$794 \div 19 =$	
f	$892 \div 16 =$	
g	$346 \div 17 =$	

3

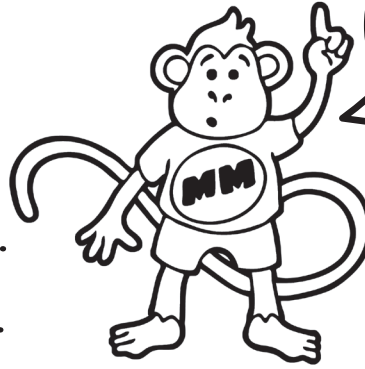
a	$732 \div 11 =$	
b	$395 \div 17 =$	
c	$736 \div 18 =$	
d	$558 \div 15 =$	
e	$963 \div 17 =$	
f	$445 \div 14 =$	
g	$892 \div 15 =$	

4

a	$458 \div 16 =$	
b	$679 \div 12 =$	
c	$476 \div 19 =$	
d	$987 \div 13 =$	
e	$845 \div 18 =$	
f	$665 \div 15 =$	
g	$909 \div 17 =$	

OBJECTIVE

Use a written method to divide
a 3-digit number by a 2-digit number
(with a remainder)



You are
working with
larger numbers
now but the
method is the
same.

Name

Year/Class

1

a	$978 \div 36 =$	
b	$856 \div 25 =$	
c	$668 \div 52 =$	
d	$752 \div 37 =$	
e	$437 \div 26 =$	
f	$589 \div 27 =$	
g	$496 \div 46 =$	

2

a	$617 \div 28 =$	
b	$586 \div 29 =$	
c	$532 \div 35 =$	
d	$875 \div 48 =$	
e	$983 \div 29 =$	
f	$773 \div 52 =$	
g	$695 \div 41 =$	

3

a	$937 \div 76 =$	
b	$309 \div 25 =$	
c	$769 \div 47 =$	
d	$906 \div 49 =$	
e	$887 \div 26 =$	
f	$775 \div 65 =$	
g	$809 \div 72 =$	

4

a	$665 \div 29 =$	
b	$889 \div 58 =$	
c	$807 \div 65 =$	
d	$982 \div 76 =$	
e	$895 \div 68 =$	
f	$787 \div 52 =$	
g	$776 \div 63 =$	

OBJECTIVE

Divide a decimal number (tens, ones and tenths) by a 1-digit number
(Part 1)

Use your tried and tested method but don't forget to put a decimal point in the answer.



Name

Year/Class

1

a	$16.8 \div 7 =$	
b	$31.8 \div 6 =$	
c	$18.2 \div 7 =$	
d	$34.4 \div 4 =$	
e	$27.2 \div 8 =$	
f	$45.5 \div 7 =$	
g	$33.6 \div 6 =$	

2

a	$59.5 \div 7 =$	
b	$38.4 \div 6 =$	
c	$31.2 \div 4 =$	
d	$32.2 \div 7 =$	
e	$34.8 \div 6 =$	
f	$23.1 \div 7 =$	
g	$59.2 \div 8 =$	

3

a	$53.6 \div 8 =$	
b	$86.1 \div 7 =$	
c	$58.2 \div 6 =$	
d	$61.2 \div 9 =$	
e	$60.9 \div 7 =$	
f	$76.8 \div 8 =$	
g	$50.4 \div 6 =$	

4

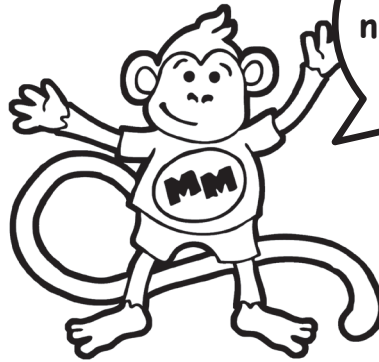
a	$67.2 \div 7 =$	
b	$46.8 \div 6 =$	
c	$54.6 \div 7 =$	
d	$55.8 \div 6 =$	
e	$77.4 \div 9 =$	
f	$87.5 \div 7 =$	
g	$82.8 \div 9 =$	

OBJECTIVE

Divide a decimal number (tens, ones and tenths) by a 1-digit number
(Part 2)

Name

Year/Class



Larger numbers now, but use the same method.

1

a	$87.5 \div 7 =$	
b	$70.4 \div 4 =$	
c	$88.2 \div 7 =$	
d	$72.5 \div 5 =$	
e	$65.2 \div 4 =$	
f	$79.1 \div 7 =$	
g	$92.8 \div 8 =$	

2

a	$77.4 \div 6 =$	
b	$83.5 \div 5 =$	
c	$94.5 \div 9 =$	
d	$91.8 \div 6 =$	
e	$93.6 \div 8 =$	
f	$98.4 \div 6 =$	
g	$98.1 \div 9 =$	

3

a	$98.4 \div 8 =$	
b	$96.3 \div 9 =$	
c	$86.8 \div 7 =$	
d	$95.4 \div 6 =$	
e	$97.2 \div 9 =$	
f	$94.2 \div 6 =$	
g	$97.3 \div 7 =$	

4

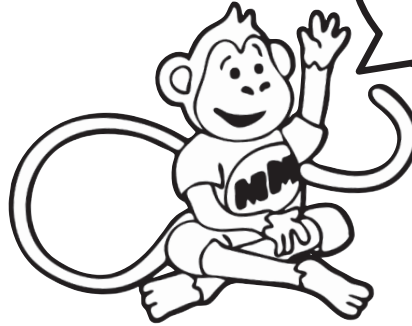
a	$93.8 \div 7 =$	
b	$93.6 \div 9 =$	
c	$94.4 \div 8 =$	
d	$99.4 \div 7 =$	
e	$99.2 \div 8 =$	
f	$95.4 \div 9 =$	
g	$96.8 \div 8 =$	

OBJECTIVE

Divide a decimal number (hundreds, tens, ones and tenths) by a 1-digit number
(Part 1)

Name

Year/Class



Keep your
layout and method
consistent.

1

a	$118.5 \div 5 =$	
b	$103.6 \div 4 =$	
c	$141.6 \div 6 =$	
d	$134.5 \div 5 =$	
e	$227.5 \div 7 =$	
f	$159.6 \div 3 =$	
g	$218.4 \div 6 =$	

2

a	$207.6 \div 6 =$	
b	$226.8 \div 4 =$	
c	$200.2 \div 7 =$	
d	$130.8 \div 3 =$	
e	$172.2 \div 7 =$	
f	$274.8 \div 6 =$	
g	$317.1 \div 7 =$	

3

a	$506.1 \div 7 =$	
b	$539.2 \div 8 =$	
c	$368.2 \div 7 =$	
d	$382.5 \div 9 =$	
e	$474.6 \div 7 =$	
f	$271.8 \div 6 =$	
g	$606.4 \div 8 =$	

4

a	$520.2 \div 9 =$	
b	$522.4 \div 8 =$	
c	$373.8 \div 6 =$	
d	$443.8 \div 7 =$	
e	$498.4 \div 8 =$	
f	$710.1 \div 9 =$	
g	$436.1 \div 7 =$	

OBJECTIVE

Divide a decimal number (hundreds, tens, ones and tenths) by a 1-digit number
(Part 2)

Name

Year/Class



The more
you do, the
better you get.
Practice makes
perfect!

1

a $457.8 \div 6 =$

b $604.1 \div 7 =$

c $571.2 \div 6 =$

d $809.1 \div 9 =$

e $787.2 \div 8 =$

f $525.6 \div 6 =$

g $799.2 \div 8 =$

2

a $797.6 \div 8 =$

b $452.4 \div 6 =$

c $662.9 \div 7 =$

d $758.4 \div 8 =$

e $589.8 \div 6 =$

f $559.3 \div 7 =$

g $896.4 \div 9 =$

3

a $791.1 \div 9 =$

b $770.4 \div 8 =$

c $469.8 \div 6 =$

d $898.2 \div 9 =$

e $604.8 \div 7 =$

f $473.4 \div 6 =$

g $794.4 \div 8 =$

4

a $524.4 \div 6 =$

b $698.6 \div 7 =$

c $779.2 \div 8 =$

d $592.2 \div 6 =$

e $897.3 \div 9 =$

f $611.8 \div 7 =$

g $899.1 \div 9 =$

DIVISION GRID

For example,
to divide 56 by 8, firstly find
the number 8 along the top
line of the grid. Now trace a
line down until number 56 is
reached. Now trace a line to
the far left of the grid until
number 7 is reached.

So, $56 \div 8 = 7$.



÷	1	2	3	4	5	6	7	8	9	10	12
1	1	2	3	4	5	6	7	8	9	10	12
2	2	4	6	8	10	12	14	16	18	20	24
3	3	6	9	12	15	18	21	24	27	30	36
4	4	8	12	16	20	24	28	32	36	40	48
5	5	10	15	20	25	30	35	40	45	50	60
6	6	12	18	24	30	36	42	48	54	60	72
7	7	14	21	28	35	42	49	56	63	70	84
8	8	16	24	32	40	48	56	64	72	80	96
9	9	18	27	36	45	54	63	72	81	90	108
10	10	20	30	40	50	60	70	80	90	100	120
11	11	22	33	44	55	66	77	88	99	110	132
12	12	24	36	48	60	72	84	96	108	120	144

RULES OF DIVISIBILITY

Below are some really good ways of finding out whether one number is divisible by another. Divisible means that the number can be divided without leaving a remainder.

2

A number is divisible by 2

if the last digit is 0, 2, 4, 6 or 8

3

A number is divisible by 3

if you can divide the sum of the digits by 3

4

A number is divisible by 4

if the last 2 digits form a number that is divisible by 4

5

A number is divisible by 5

if the last digit is 0 or 5

6

A number is divisible by 6

if it is even and you can divide the sum of its digits by 3

8

A number is divisible by 8

if the last 3 digits form a number that is divisible by 8

9

A number is divisible by 9

if the sum of the digits is divisible by 9

10

A number is divisible by 10

if the last digit is 0

25

A number is divisible by 25

if the last digits are 00, 25, 50 or 75

100

A number is divisible by 100

if the last 2 digits are 00

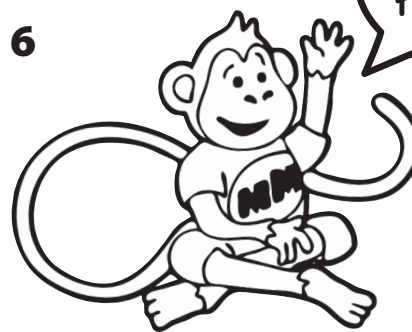
12

A number is divisible by 12

if the number is divisible by 3 and 4

THE CHUNKING METHOD OF WRITTEN DIVISION

For example, the calculation $464 \div 6$ would be done like this:



Here's how to divide!

STEP 1

$$\begin{array}{r} 4 \ 6 \ 4 \\ 3 \ 0 \ 0 \rightarrow 50 \times 6 \\ \hline \end{array}$$

First of all, decide on a reasonable number chunk; in this case **300** (**50 x 6**) has been chosen. Write the chunk of **300** under the **464**. Write down **50 x 6** on the right as shown.

STEP 2

$$\begin{array}{r} 4 \ 6 \ 4 \\ 3 \ 0 \ 0 \rightarrow 50 \times 6 \\ \hline 1 \ 6 \ 4 \\ 1 \ 2 \ 0 \rightarrow 20 \times 6 \\ \hline \end{array}$$

Next, subtract **300** from **464** to find the answer **164**. Decide on the next chunk; in this case **120** (**20 x 6**) has been chosen. Write the **120** under the **164**. Write down **20 x 6** on the right as shown.

STEP 3

$$\begin{array}{r} 4 \ 6 \ 4 \\ 3 \ 0 \ 0 \rightarrow 50 \times 6 \\ \hline 1 \ 6 \ 4 \\ 1 \ 2 \ 0 \rightarrow 20 \times 6 \\ \hline 4 \ 4 \\ 4 \ 2 \rightarrow 7 \times 6 \\ \hline \end{array}$$

Next, subtract **120** from **164** to find the answer **44**. The closest multiple of **6** that is less than **44** is **42** (**7 x 6**) so **42** makes the final chunk. Write the **42** under the **44** and write **7 x 6** on the right as shown.

STEP 4

$$\begin{array}{r}
 464 \\
 300 \rightarrow 50 \times 6 \\
 \hline
 164 \\
 120 \rightarrow 20 \times 6 \\
 \hline
 44 \\
 42 \rightarrow 7 \times 6 \\
 \hline
 2 \\
 \hline
 \end{array}$$

Next, subtract **42** from **44** to find the answer **2**. Check that the remainder (**2**) is less than the divisor (**6**). If the remainder is equal to or larger than the divisor, the final chunk needs to be larger.

STEP 5

$$\begin{array}{r}
 464 \\
 300 \rightarrow 50 \times 6 \\
 \hline
 164 \\
 120 \rightarrow 20 \times 6 \\
 \hline
 44 \\
 42 \rightarrow 7 \times 6 \\
 \hline
 2 \\
 \hline
 \end{array}$$

Finally, add together the number of sixes needed to make up each chunk. ($50 + 20 + 7 = 77$)

So, $464 \div 6 = 77 \text{ rem } 2$

The chunking method also works for long division.

For example, the calculation $497 \div 15$ would be done like this:

STEP 1

$$\begin{array}{r} 497 \\ 300 \rightarrow 20 \times 15 \\ \hline 197 \end{array}$$

First of all, decide on a reasonable number chunk; in this case **300** (**20×15**) has been chosen. Write down the **300** and the **20×15** as shown. Complete the subtraction (**$497 - 300 = 197$**).

STEP 2

$$\begin{array}{r} 497 \\ 300 \rightarrow 20 \times 15 \\ \hline 197 \\ 150 \rightarrow 10 \times 15 \\ \hline 47 \end{array}$$

Now decide on the next reasonable chunk; in this case **150** (**10×15**) has been chosen. Write down the **150** and the **10×15** as shown. Complete the subtraction (**$197 - 150 = 47$**).

STEP 3

$$\begin{array}{r} 497 \\ 300 \rightarrow 20 \times 15 \\ \hline 197 \\ 150 \rightarrow 10 \times 15 \\ \hline 47 \\ 45 \rightarrow 3 \times 15 \\ \hline 2 \end{array}$$

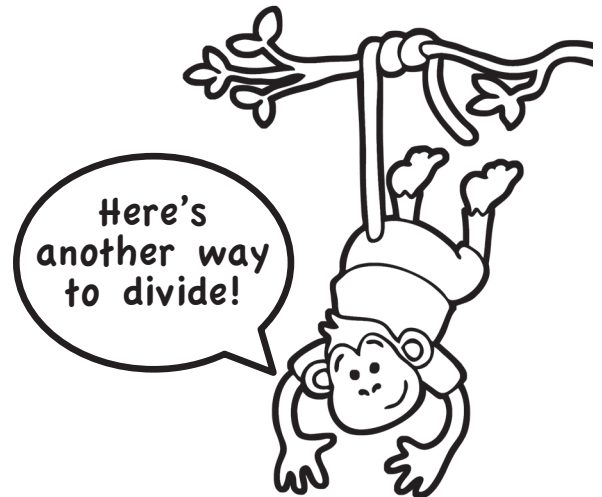
The closest multiple of **15** that is less than **47** is **45** so **45** (**3×15**) makes the final chunk. Subtract the **45** from **47** to find the remainder (**2**). Finally, add together the number of fifteens needed to make up each chunk (**$20 + 10 + 3 = 33$**).

So, $497 \div 15 = 33 \text{ rem } 2$

THE COMPACT METHOD OF WRITTEN DIVISION

The compact method of short or long division is a widely used and traditional method of written division. It is often known as the 'bus stop' method, due to the shape of the bracket used in the calculation.

For example, the calculation $893 \div 7$ would be done like this:



STEP 1

$$7 \overline{) 893}$$

Set out the calculation as shown with the dividend (**893**) inside the 'bus stop' and the divisor (**7**) on the outside.

STEP 2

$$7 \overline{) 8^1 9 3}$$

7 will divide into **8** once ($1 \times 7 = 7$) with a remainder of **1**. Write the **1** above the line and position the remainder (**1**) in front of the **9**, as shown.

STEP 3

$$7 \overline{) 8^1 9^5 3}$$

7 will divide into **19** twice ($2 \times 7 = 14$) with a remainder of **5**. Write the **2** above the line and position the remainder (**5**) in front of the **3** as shown.

STEP 4

$$7 \overline{) 8^1 9^5 3} \begin{array}{l} 1 \\ 2 \\ 7 \end{array} \text{ r}4$$

7 will divide into **53**, **7** times ($7 \times 7 = 49$) with a remainder of **4**. Write the **7** above the line and the remainder also above the line as shown.

So, $893 \div 7 = 127 \text{ rem } 4$

Long division can also be done using the traditional 'bus stop' method. For example, the calculation $4972 \div 23$ would be done like this:

STEP 1

$$\begin{array}{r} 23 \overline{) 4972} \end{array}$$

Set out the calculation as shown with the dividend (**4972**) inside the 'bus stop' and the divisor (**23**) on the outside.

STEP 2

$$\begin{array}{r} 2 \\ 23 \overline{) 4972} \\ \underline{46} \end{array}$$

$$\begin{array}{r} 23 \\ \times 2 \\ \hline 46 \end{array}$$

Work out in your head or by using some informal jottings how many times **23** will divide into **49**. Write the answer (**2**) above the line and position the **46** (**2 x 23**) underneath the **49**.

STEP 3

$$\begin{array}{r} 2 \\ 23 \overline{) 4972} \\ \underline{46} \\ 37 \end{array}$$

Next, subtract **46** from **49** to find the answer **3**. Write the **3** beneath the line as shown. Now 'bring down' the **7** and position it next to the **3** to make the number **37**.

STEP 4

$$\begin{array}{r} 21 \\ 23 \overline{) 4972} \\ \underline{46} \\ 37 \\ \underline{23} \\ 14 \end{array}$$

Next divide **23** into **37**. It divides once with a remainder of **14**. Write the **1** above the line and subtract **23** from **37** to find the answer **14** as shown.

STEP 5

$$\begin{array}{r}
 21 \\
 23 \overline{) 4972} \\
 \underline{46} \\
 37 \\
 \underline{23} \\
 142
 \end{array}$$

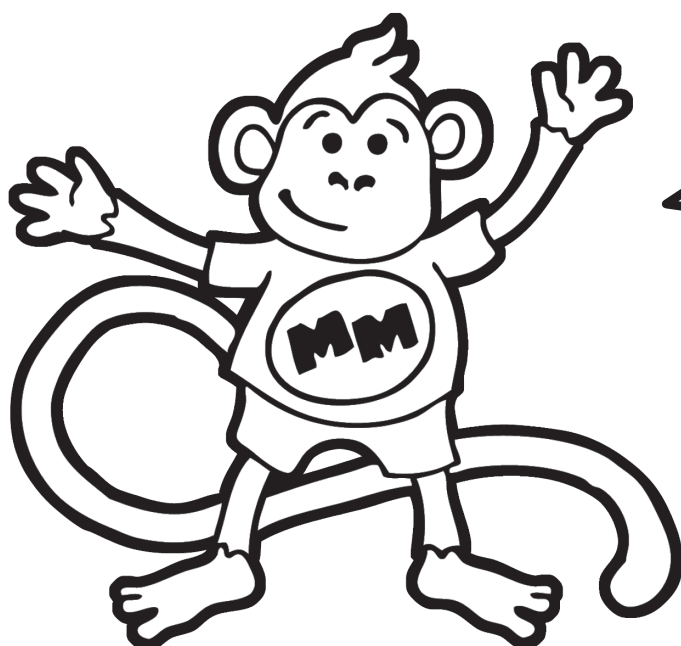
Next 'bring down' the **2** and position it next to the **4** to make the number **142**.

STEP 6

$$\begin{array}{r}
 216 \text{ r}4 \\
 23 \overline{) 4972} \\
 \underline{46} \\
 37 \\
 \underline{23} \\
 142 \\
 \underline{138} \\
 4
 \end{array}$$

Next divide **23** into **142** to find the answer **6**. Write the **6** above the line and subtract **138** (**6 x 23**) from **142** to find the remainder **4**.

So, $4972 \div 23 = 216 \text{ rem } 4$



Phew! Have you decided which method works best for you? Once you have, lots of practice will help you get the hang of it. Well done!

ANSWERS - THE DIVISION BOOK

Page 1:

- 1) a) 1 b) 2 c) 8 d) 4 e) 7 f) 3 g) 5
- 2) a) 6 b) 5 c) 10 d) 8 e) 3 f) 9 g) 7
- 3) a) 6 b) 8 c) 10 d) 9 e) 11 f) 7 g) 12
- 4) a) 10 b) 7 c) 9 d) 11 e) 12 f) 13 g) 8

Page 2:

- 1) a) 3 b) 2 c) 7 d) 6 e) 5 f) 1 g) 4
- 2) a) 7 b) 4 c) 8 d) 3 e) 6 f) 5 g) 9
- 3) a) 5 b) 8 c) 10 d) 7 e) 9 f) 4 g) 6
- 4) a) 9 b) 11 c) 10 d) 6 e) 7 f) 12 g) 8

Page 3:

- 1) a) 1 b) 10 c) 7 d) 5 e) 3 f) 3 g) 20
- 2) a) 2 b) 2 c) 5 d) 4 e) 11 f) 6 g) 6
- 3) a) 15 b) 30 c) 45 d) 2 e) 6 f) 14 g) 2
- 4) a) 12 b) 5 c) 2 d) 35 e) 44 f) 60 g) 2

Page 4:

- 1) a) 1 b) 3 c) 2 d) 7 e) 6 f) 4 g) 5
- 2) a) 7 b) 4 c) 9 d) 3 e) 6 f) 8 g) 10
- 3) a) 4 b) 7 c) 6 d) 9 e) 10 f) 5 g) 11
- 4) a) 12 b) 6 c) 8 d) 7 e) 11 f) 9 g) 10

Page 5:

- 1) a) 1 b) 4 c) 2 d) 6 e) 5 f) 3 g) 7
- 2) a) 3 b) 5 c) 7 d) 2 e) 8 f) 9 g) 6
- 3) a) 7 b) 4 c) 6 d) 11 e) 3 f) 8 g) 9
- 4) a) 11 b) 6 c) 9 d) 10 e) 8 f) 12 g) 7

Page 6:

- 1) a) 6 b) 4 c) 3 d) 7 e) 5 f) 10 g) 7
- 2) a) 10 b) 9 c) 6 d) 3 e) 8 f) 11 g) 11
- 3) a) 24 b) 32 c) 12 d) 3 e) 15 f) 36 g) 3
- 4) a) 40 b) 4 c) 4 d) 18 e) 28 f) 36 g) 4

Page 7:

- 1) a) 1 b) 5 c) 3 d) 6 e) 2 f) 7 g) 4
- 2) a) 3 b) 7 c) 9 d) 4 e) 8 f) 5 g) 6
- 3) a) 6 b) 4 c) 7 d) 9 e) 8 f) 11 g) 10
- 4) a) 9 b) 8 c) 10 d) 9 e) 12 f) 7 g) 6

Page 8:

- 1) a) 2 b) 1 c) 7 d) 6 e) 4 f) 3 g) 5
- 2) a) 3 b) 7 c) 6 d) 4 e) 5 f) 8 g) 9
- 3) a) 6 b) 4 c) 9 d) 11 e) 5 f) 8 g) 7
- 4) a) 6 b) 7 c) 9 d) 10 e) 5 f) 8 g) 12

Page 9:

- 1) a) 6 b) 3 c) 4 d) 5 e) 6 f) 8 g) 8
- 2) a) 10 b) 3 c) 5 d) 10 e) 7 f) 11 g) 9
- 3) a) 42 b) 63 c) 30 d) 6 e) 24 f) 28 g) 7
- 4) a) 56 b) 6 c) 7 d) 18 e) 63 f) 42 g) 7

Page 10:

- 1) a) 2 b) 1 c) 3 d) 9 e) 5 f) 4 g) 6
- 2) a) 5 b) 8 c) 7 d) 4 e) 2 f) 3 g) 6
- 3) a) 6 b) 5 c) 8 d) 9 e) 4 f) 3 g) 7
- 4) a) 8 b) 9 c) 7 d) 10 e) 12 f) 11 g) 6

Page 11:

- 1) a) 1 b) 6 c) 7 d) 3 e) 4 f) 5 g) 2
- 2) a) 6 b) 3 c) 5 d) 4 e) 8 f) 7 g) 2
- 3) a) 3 b) 5 c) 6 d) 4 e) 7 f) 9 g) 8
- 4) a) 10 b) 8 c) 6 d) 11 e) 12 f) 9 g) 7

Page 12:

- 1) a) 2 b) 6 c) 2 d) 4 e) 5 f) 8 g) 8
- 2) a) 10 b) 7 c) 3 d) 9 e) 11 f) 9 g) 4
- 3) a) 24 b) 81 c) 48 d) 9 e) 32 f) 90 g) 8
- 4) a) 96 b) 8 c) 9 d) 72 e) 99 f) 56 g) 9

Page 13:

- 1) a) 2 b) 5 c) 1 d) 7 e) 3 f) 4 g) 6
- 2) a) 4 b) 3 c) 8 d) 6 e) 5 f) 7 g) 2
- 3) a) 10 b) 9 c) 12 d) 3 e) 11 f) 7 g) 8
- 4) a) 10 b) 12 c) 9 d) 11 e) 12 f) 11 g) 12

Page 14:

- 1) a) 3 b) 1 c) 6 d) 5 e) 7 f) 4 g) 2
- 2) a) 1 b) 7 c) 3 d) 6 e) 4 f) 2 g) 5
- 3) a) 3 b) 5 c) 8 d) 7 e) 9 f) 4 g) 6
- 4) a) 12 b) 7 c) 10 d) 9 e) 6 f) 11 g) 8

ANSWERS - THE DIVISION BOOK

Page 15:

- 1) a) 4 b) 6 c) 3 d) 8 e) 4 f) 5 g) 9
2) a) 7 b) 1 c) 2 d) 6 e) 10 f) 9 g) 11
3) a) 33 b) 24 c) 55 d) 11 e) 72 f) 48 g) 12
4) a) 66 b) 11 c) 12 d) 88 e) 108 f) 132 g) 12

Page 16:

- 1) a) 9 b) 4 c) 3 d) 4 e) 8
2) a) 6 b) 12 c) 5 d) 11 e) 6
3) a) 12 b) 12 c) 9 d) 9 e) 12
4) a) 11 b) 7 c) 11 d) 9 e) 11

Page 17:

- 1) a) 2 b) 5 c) 9 d) 7 e) 9
2) a) 8 b) 5 c) 8 d) 3 e) 3
3) a) 8 b) 3 c) 5 d) 7 e) 4
4) a) 11 b) 5 c) 4 d) 7 e) 12

Page 18:

- 1) a) 0.1 b) 0.4 c) 0.1 d) 0.5 e) 0.5 f) 0.3 g) 0.6
2) a) 0.2 b) 0.7 c) 0.2 d) 0.6 e) 0.3 f) 0.8 g) 0.4
3) a) 0.7 b) 0.9 c) 1.2 d) 0.5 e) 0.9 f) 1.2 g) 1.1
4) a) 1.1 b) 0.8 c) 0.5 d) 1.1 e) 0.6 f) 1.2 g) 1.2

Page 19:

- 1) a) 0.1 b) 0.1 c) 0.2 d) 0.6 e) 0.3 f) 0.4 g) 0.4
2) a) 0.3 b) 0.5 c) 0.2 d) 0.4 e) 0.6 f) 0.9 g) 0.8
3) a) 1.0 b) 0.6 c) 0.9 d) 1.1 e) 0.7 f) 1.2 g) 1.2
4) a) 0.8 b) 0.6 c) 0.2 d) 0.5 e) 0.8 f) 1.0 g) 1.2

Page 20:

- 1) a) 0.2 b) 0.1 c) 0.3 d) 0.1 e) 0.3 f) 0.2 g) 0.4
2) a) 0.5 b) 0.7 c) 0.7 d) 0.7 e) 0.6 f) 0.6 g) 0.4
3) a) 1.0 b) 0.8 c) 1.0 d) 1.1 e) 0.9 f) 0.9 g) 1.2
4) a) 0.5 b) 0.9 c) 1.2 d) 0.8 e) 0.8 f) 1.1 g) 1.1

Page 21:

- 1) a) 0.1 b) 0.2 c) 0.3 d) 0.2 e) 0.1 f) 0.3 g) 0.4
2) a) 0.5 b) 0.5 c) 0.4 d) 0.7 e) 0.7 f) 0.6 g) 0.6
3) a) 0.8 b) 0.8 c) 1.0 d) 0.9 e) 0.9 f) 1.1 g) 1.0
4) a) 1.1 b) 1.2 c) 0.5 d) 1.2 e) 0.8 f) 0.7 g) 0.9

Page 22:

- 1) a) 0.1 b) 0.1 c) 0.2 d) 0.2 e) 0.4 f) 0.3 g) 0.3
2) a) 0.5 b) 0.4 c) 0.6 d) 0.6 e) 0.7 f) 0.7 g) 0.5
3) a) 1.0 b) 0.8 c) 1.2 d) 0.8 e) 1.2 f) 0.9 g) 0.9
4) a) 1.1 b) 0.7 c) 1.0 d) 1.0 e) 1.1 f) 1.2 g) 1.2

Page 23:

- 1) a) 10 b) 10 c) 30 d) 20 e) 20 f) 30 g) 40
2) a) 50 b) 50 c) 80 d) 40 e) 70 f) 60 g) 60
3) a) 90 b) 120 c) 80 d) 90 e) 70 f) 100 g) 110
4) a) 80 b) 100 c) 120 d) 120 e) 60 f) 110 g) 100

Page 24:

- 1) a) 10 b) 20 c) 30 d) 40 e) 10 f) 20 g) 30
2) a) 40 b) 70 c) 60 d) 70 e) 50 f) 50 g) 60
3) a) 80 b) 90 c) 100 d) 90 e) 70 f) 100 g) 80
4) a) 40 b) 120 c) 110 d) 110 e) 90 f) 80 g) 120

Page 25:

- 1) a) 10 b) 20 c) 10 d) 20 e) 30 f) 40 g) 30
2) a) 70 b) 40 c) 60 d) 60 e) 70 f) 50 g) 50
3) a) 90 b) 100 c) 100 d) 70 e) 90 f) 80 g) 80
4) a) 120 b) 120 c) 80 d) 90 e) 90 f) 110 g) 110

Page 26:

- 1) a) 10 b) 20 c) 10 d) 20 e) 30 f) 30 g) 40
2) a) 50 b) 70 c) 30 d) 40 e) 60 f) 60 g) 50
3) a) 60 b) 80 c) 110 d) 70 e) 90 f) 80 g) 70
4) a) 90 b) 90 c) 80 d) 100 e) 120 f) 110 g) 120

Page 27:

- 1) a) 10 b) 10 c) 40 d) 20 e) 30 f) 30 g) 20
2) a) 80 b) 50 c) 70 d) 40 e) 60 f) 60 g) 50
3) a) 60 b) 80 c) 70 d) 80 e) 50 f) 100 g) 90
4) a) 110 b) 120 c) 120 d) 110 e) 80 f) 90 g) 100

Page 28:

- 1) a) 4 b) 2 c) 5 d) 3 e) 1 f) 6 g) 7
2) a) 7 b) 10 c) 5 d) 6 e) 8 f) 4 g) 9
3) a) 7 b) 10 c) 9 d) 6 e) 12 f) 11 g) 8
4) a) 13 b) 10 c) 14 d) 12 e) 8 f) 11 g) 9

ANSWERS - THE DIVISION BOOK

Page 29:

- 1) a) 15 b) 21 c) 27 d) 26 e) 33 f) 32 g) 23
2) a) 24 b) 34 c) 22 d) 28 e) 38 f) 29 g) 37
3) a) 40 b) 41 c) 29 d) 44 e) 38 f) 31 g) 39
4) a) 46 b) 45 c) 48 d) 43 e) 47 f) 42 g) 49

Page 30:

- 1) a) 1.5 b) 2.5 c) 0.5 d) 5.5 e) 4.5 f) 6.5 g) 3.5
2) a) 6.5 b) 8.5 c) 11.5 d) 5.5 e) 10.5 f) 9.5 g) 7.5
3) a) 5.5 b) 8.5 c) 12.5 d) 10.5 e) 7.5 f) 11.5 g) 9.5
4) a) 12.5 b) 11.5 c) 8.5 d) 9.5 e) 13.5 f) 14.5 g) 10.5

Page 31:

- 1) a) 15.5 b) 22.5 c) 16.5 d) 21.5 e) 20.5 f) 24.5 g) 19.5
2) a) 26.5 b) 33.5 c) 27.5 d) 34.5 e) 23.5 f) 30.5 g) 29.5
3) a) 32.5 b) 37.5 c) 39.5 d) 28.5 e) 31.5 f) 35.5 g) 38.5
4) a) 48.5 b) 46.5 c) 43.5 d) 44.5 e) 45.5 f) 47.5 g) 49.5

Page 32:

- 1) a) 5 b) 15 c) 10 d) 20 e) 40 f) 45 g) 30
2) a) 20 b) 35 c) 5 d) 45 e) 30 f) 10 g) 40
3) a) 45 b) 10 c) 5 d) 30 e) 40 f) 15 g) 25
4) a) 5 b) 30 c) 20 d) 15 e) 25 f) 35 g) 45

Page 33:

- 1) a) 55 b) 65 c) 115 d) 180 e) 95 f) 170 g) 75
2) a) 80 b) 105 c) 70 d) 165 e) 120 f) 185 g) 260
3) a) 190 b) 235 c) 265 d) 245 e) 135 f) 270 g) 145
4) a) 315 b) 285 c) 425 d) 385 e) 365 f) 325 g) 395

Page 34:

- 1) a) 213 b) 314 c) 323 d) 122 e) 343 f) 241 g) 324
2) a) 133.5 b) 170 c) 172.5 d) 273 e) 183.5 f) 66 g) 273
3) a) 327 b) 477 c) 329 d) 378 e) 438 f) 446 g) 399.5
4) a) 259.5 b) 379.5 c) 179.5 d) 365.5 e) 479.5 f) 387.5 g) 459.5

Page 35:

- 1) a) 21 b) 210 c) 2100 d) 34 e) 340 f) 3400
2) a) 42 b) 420 c) 4200 d) 38 e) 380 f) 3800
3) a) 43.5 b) 435 c) 4350 d) 48 e) 480 f) 4800
4) a) 29.5 b) 295 c) 2950 d) 49.5 e) 495 f) 4950

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- 1) a) 3.1 b) 2.3 c) 1.1 d) 3.3 e) 3.4 f) 9.1 g) 6.2
2) a) 10.3 b) 9.2 c) 5.4 d) 11.1 e) 8.2 f) 13.3 g) 7.4
3) a) 12.1 b) 32.3 c) 24.2 d) 31.2 e) 13.4 f) 23.3 g) 22.1
4) a) 33.4 b) 44.2 c) 23.4 d) 42.1 e) 40.3 f) 43.4 g) 40.4

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- 1) a) 3.2 b) 4.2 c) 2.3 d) 1.1 e) 4.4 f) 3.4 g) 2.1
2) a) 3.9 b) 2.9 c) 3.15 d) 4.25 e) 1.35 f) 3.8 g) 4.7
3) a) 8.1 b) 23.2 c) 8.4 d) 13.25 e) 44.15 f) 16.05 g) 9.35
4) a) 9.85 b) 17.75 c) 26.85 d) 8.95 e) 26.95 f) 39.85 g) 47.95

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- 1) a) 2 b) 6 c) 4 d) 3 e) 7 f) 5 g) 8
2) a) 1 b) 7 c) 3 d) 8 e) 9 f) 6 g) 2
3) a) 7 b) 4 c) 8 d) 9 e) 5 f) 11 g) 6
4) a) 7 b) 11 c) 12 d) 10 e) 9 f) 8 g) 6

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- 1) a) 1 b) 10 c) 8 d) 12 e) 3 f) 2 g) 7
2) a) 7 b) 9 c) 12 d) 6 e) 11 f) 5 g) 8
3) a) 60 b) 80 c) 90 d) 10 e) 70 f) 50 g) 10
4) a) 120 b) 10 c) 10 d) 30 e) 110 f) 40 g) 10

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- 1) a) 4.6 b) 3.2 c) 1.1 d) 4.9 e) 4.8 f) 3.7 g) 5.5
2) a) 7.6 b) 2.1 c) 5.9 d) 8.8 e) 3.7 f) 6.1 g) 5.8
3) a) 7.3 b) 6.7 c) 8.6 d) 7.6 e) 8.9 f) 5.9 g) 7.7
4) a) 9.8 b) 8.7 c) 9.4 d) 9.5 e) 7.5 f) 9.6 g) 9.2

Page 41:

- 1) a) 10 b) 30 c) 20 d) 60 e) 40 f) 50 g) 70
2) a) 20 b) 70 c) 40 d) 60 e) 30 f) 50 g) 80
3) a) 70 b) 90 c) 80 d) 100 e) 50 f) 40 g) 60
4) a) 70 b) 40 c) 90 d) 80 e) 50 f) 60 g) 100

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- 1) a) 26 b) 13 c) 34 d) 55 e) 42 f) 36 g) 62
2) a) 67 b) 48 c) 57 d) 56 e) 46 f) 64 g) 71
3) a) 73 b) 86 c) 54 d) 66 e) 58 f) 76 g) 89
4) a) 98 b) 87 c) 94 d) 77 e) 95 f) 82 g) 88

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- 1) a) 45.7 b) 12.3 c) 21.3 d) 49.6 e) 58.6 f) 20.9 g) 14.6
2) a) 60.6 b) 33.6 c) 45.9 d) 51.7 e) 45.8 f) 68.2 g) 77.4
3) a) 66.7 b) 85.9 c) 75.6 d) 81.7 e) 50.6 f) 88.6 g) 52.7
4) a) 95.8 b) 71.2 c) 98.7 d) 69.2 e) 81.3 f) 84.8 g) 95.6

Page 44:

- 1) a) 100 b) 300 c) 600 d) 700 e) 500 f) 400 g) 200
2) a) 500 b) 800 c) 600 d) 1000 e) 400 f) 700 g) 300
3) a) 500 b) 300 c) 400 d) 600 e) 700 f) 900 g) 800
4) a) 400 b) 700 c) 500 d) 800 e) 900 f) 600 g) 1000

Page 45:

- 1) a) 136 b) 450.8 c) 276.5 d) 561.7 e) 436.9
f) 350.6 g) 196.2
2) a) 390.1 b) 550.7 c) 158 d) 445.2 e) 281.6
f) 710.6 g) 158.1
3) a) 395.2 b) 559.8 c) 861 d) 200.6 e) 608.9
f) 800.6 g) 401.6
4) a) 891.7 b) 991.7 c) 661.2 d) 980.1 e) 851.2
f) 775.3 g) 789.6

Page 46:

- 1) a) 10 b) 10 c) 7.8 d) 9.6 e) 36 f) 10 g) 47
2) a) 126 b) 69 c) 10 d) 37 e) 5.8 f) 10 g) 68
3) a) 21.7 b) 10 c) 23.7 d) 14.6 e) 30.1 f) 10 g) 10
4) a) 756 b) 297 c) 10 d) 46.8 e) 50.6 f) 10 g) 856

Page 47:

- 1) a) 0.36 b) 0.13 c) 0.26 d) 0.56 e) 0.47 f) 0.19 g) 0.46
2) a) 0.59 b) 0.35 c) 0.46 d) 0.66 e) 0.23 f) 0.62 g) 0.76
3) a) 0.82 b) 0.83 c) 0.53 d) 0.98 e) 0.72 f) 0.84 g) 0.69
4) a) 0.97 b) 0.79 c) 0.85 d) 0.91 e) 0.77 f) 0.96 g) 0.81

Page 48:

- 1) a) 1.56 b) 2.27 c) 3.08 d) 1.57 e) 4.57 f) 5.56 g) 1.38
2) a) 2.55 b) 3.72 c) 6.57 d) 5.86 e) 1.47 f) 4.96 g) 6.63
3) a) 8.52 b) 7.07 c) 7.89 d) 5.93 e) 6.13 f) 4.99 g) 6.07
4) a) 9.86 b) 8.96 c) 6.39 d) 7.76 e) 8.98 f) 9.58 g) 9.99

Page 49:

- 1) a) 0.01 b) 0.02 c) 0.026 d) 0.015 e) 0.046
f) 0.04 g) 0.052
2) a) 0.043 b) 0.012 c) 0.077 d) 0.065 e) 0.035
f) 0.016 g) 0.075
3) a) 0.078 b) 0.069 c) 0.061 d) 0.038 e) 0.058
f) 0.095 g) 0.008
4) a) 0.007 b) 0.057 c) 0.087 d) 0.006 e) 0.089
f) 0.098 g) 0.009

Page 50:

- 1) a) 2 b) 5 c) 4 d) 8 e) 7 f) 3 g) 6
2) a) 17 b) 24 c) 34 d) 40 e) 67 f) 35 g) 52
3) a) 42 b) 76 c) 87 d) 64 e) 79 f) 88 g) 68
4) a) 95 b) 89 c) 86 d) 96 e) 75 f) 84 g) 90

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- 1) a) 4.65 b) 6.16 c) 5.75 d) 3.07 e) 4.96 f) 2.16 g) 6.03
2) a) 6.89 b) 7.75 c) 2.53 d) 7.56 e) 3.96 f) 6.13 g) 4.58
3) a) 3.13 b) 5.87 c) 6.07 d) 8.46 e) 7.15 f) 4.44 g) 8.58
4) a) 9.19 b) 5.12 c) 9.32 d) 6.06 e) 8.65 f) 7.86 g) 9.09

Page 52:

- 1) a) 45.17 b) 29.18 c) 33.06 d) 50.61 e) 12.65
f) 55.06 g) 21.93
2) a) 31.57 b) 41.52 c) 51.32 d) 20.06 e) 31.07
f) 48.76 g) 70.06
3) a) 41.96 b) 51.52 c) 65.73 d) 35.17 e) 79.56
f) 81.76 g) 44.01
4) a) 73.65 b) 94.58 c) 89.21 d) 69.17 e) 77.89
f) 91.56 g) 90.02

Page 53:

- 1) a) 0.37 b) 0.59 c) 0.63 d) 0.41 e) 0.64 f) 0.52 g) 0.38
2) a) 0.46 b) 0.76 c) 0.71 d) 0.36 e) 0.74 f) 0.48 g) 0.69
3) a) 0.57 b) 0.75 c) 0.68 d) 0.88 e) 0.66 f) 0.72 g) 0.58
4) a) 0.61 b) 0.96 c) 0.87 d) 0.91 e) 0.63 f) 0.99 g) 0.65

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- 1) a) 0.116 b) 0.253 c) 0.267 d) 0.436 e) 0.552
f) 0.423 g) 0.263
2) a) 0.689 b) 0.537 c) 0.469 d) 0.652 e) 0.367
f) 0.507 g) 0.386
3) a) 0.737 b) 0.696 c) 0.861 d) 0.558 e) 0.607
f) 0.356 g) 0.778
4) a) 0.887 b) 0.906 c) 0.956 d) 0.617 e) 0.809
f) 0.300 g) 0.907

Page 55:

- 1) a) 0.026 b) 0.051 c) 0.035 d) 0.025 e) 0.062
f) 0.055 g) 0.047
2) a) 0.038 b) 0.063 c) 0.044 d) 0.078 e) 0.022
f) 0.069 g) 0.057
3) a) 0.088 b) 0.039 c) 0.045 d) 0.029 e) 0.097
f) 0.079 g) 0.056
4) a) 0.097 b) 0.048 c) 0.096 d) 0.076 e) 0.083
f) 0.033 g) 0.099

Page 56:

- 1) a) 100 b) 100 c) 100 d) 100 e) 251
2) a) 560 b) 670 c) 460 d) 36 e) 890
3) a) 5.69 b) 100 c) 1270 d) 369 e) 100
4) a) 2960 b) 3780 c) 37.56 d) 100 e) 9670

Page 57:

- 1) a) 5 b) 6 c) 8 d) 3 e) 9 f) 7 g) 4
2) a) 12 b) 19 c) 38 d) 53 e) 46 f) 26 g) 10
3) a) 58 b) 67 c) 90 d) 56 e) 89 f) 70 g) 77
4) a) 92 b) 80 c) 95 d) 66 e) 89 f) 96 g) 81

Page 58:

- 1) a) 0.652 b) 0.316 c) 0.236 d) 0.452 e) 0.667
f) 0.357 g) 0.116
2) a) 0.699 b) 0.737 c) 0.586 d) 0.362 e) 0.661
f) 0.567 g) 0.609
3) a) 0.414 b) 0.575 c) 0.892 d) 0.715 e) 0.238
f) 0.802 g) 0.499
4) a) 0.816 b) 0.915 c) 0.775 d) 0.658 e) 0.889
f) 0.967 g) 0.919

Page 59:

- 1) a) 0.015 b) 0.048 c) 0.021 d) 0.038 e) 0.056
f) 0.045 g) 0.011
2) a) 0.026 b) 0.032 c) 0.067 d) 0.052 e) 0.022
f) 0.039 g) 0.029
3) a) 0.035 b) 0.072 c) 0.089 d) 0.049 e) 0.068
f) 0.096 g) 0.075
4) a) 0.079 b) 0.085 c) 0.097 d) 0.092 e) 0.086
f) 0.076 g) 0.099

Page 60:

- 1) a) 0.0689 b) 0.0327 c) 0.0556 d) 0.0669 e) 0.0486
2) a) 0.0364 b) 0.0317 c) 0.0401 d) 0.0712 e) 0.0589
3) a) 0.0697 b) 0.0807 c) 0.0813 d) 0.0756 e) 0.0408
4) a) 0.0852 b) 0.0806 c) 0.0617 d) 0.0873 e) 0.0989

Page 61:

- 1) a) 1000 b) 1000 c) 0.075 d) 1000 e) 72
2) a) 7536.0 b) 2624.0 c) 5675.0 d) 1000 e) 6132
3) a) 7.336 b) 1000 c) 75 d) 1000 e) 1000
4) a) 590 b) 617 c) 9.576 d) 1000 e) 752

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- 1) a) 1.5 b) 2.3 c) 2.6 d) 6.7 e) 5.2 f) 9.5 g) 3.8
2) a) 4.9 b) 4.7 c) 8.5 d) 6.9 e) 9.2 f) 7.6 g) 8.9
3) a) 46.2 b) 75.2 c) 56.1 d) 86.9 e) 65.2 f) 95.3 g) 49.5
4) a) 89.8 b) 67.5 c) 81.7 d) 60.6 e) 98.1 f) 50.7 g) 76.5

Page 63:

- 1) a) 1.57 b) 6.18 c) 2.36 d) 4.45 e) 1.29 f) 3.58 g) 2.89
2) a) 1.06 b) 5.98 c) 2.51 d) 3.55 e) 6.15 f) 1.15 g) 2.07
3) a) 7.58 b) 4.67 c) 6.61 d) 5.16 e) 5.56 f) 7.06 g) 8.99
4) a) 8.98 b) 6.06 c) 9.89 d) 8.18 e) 6.99 f) 7.15 g) 9.99

Page 64:

- 1) a) 6 b) 2.5 c) 3.5 d) 7 e) 1 f) 7.5 g) 5.5
2) a) 8 b) 4.8 c) 3.2 d) 5.9 e) 9.9 f) 8.6 g) 7.5
3) a) 4.75 b) 3.58 c) 6.36 d) 4.16 e) 8.52 f) 2.46 g) 4.55
4) a) 8.69 b) 7.59 c) 6.17 d) 3.89 e) 8.19 f) 3.57 g) 9.36

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- 1) a) 1.2 b) 1.1 c) 3.2 d) 2.9 e) 3.6 f) 4.5 g) 3.3
 2) a) 7.8 b) 2.8 c) 4.8 d) 3.7 e) 4.5 f) 7.3 g) 6.9
 3) a) 1.56 b) 2.37 c) 1.96 d) 4.065 e) 8.125
 f) 7.565 g) 5.005
 4) a) 3.580 b) 1.756 c) 2.917 d) 1.532 e) 5.892
 f) 8.009 g) 9.987

Page 66:

- 1) a) 2 b) 5 c) 3 d) 4 e) 6 f) 8 g) 7
 2) a) 6 b) 4.7 c) 6.9 d) 8.6 e) 1.7 f) 3.2 g) 9.4
 3) a) 1.375 b) 9.136 c) 7.502 d) 3.678 e) 8.792
 f) 2.093 g) 6.269
 4) a) 5.175 b) 0.169 c) 1.296 d) 9.587 e) 0.146
 f) 9.008 g) 0.156

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- 1) a) 7 b) 4 c) 6 d) 9 e) 6 f) 9 g) 9
 2) a) 6 b) 7 c) 8 d) 4 e) 3 f) 10 g) 5
 3) a) 8 b) 3 c) 6 d) 4 e) 8 f) 3 g) 7
 4) a) 4 b) 10 c) 7 d) 8 e) 10 f) 8 g) 9

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- 1) a) 9r1 b) 3r2 c) 10r1 d) 4r3 e) 6r2 f) 8r1 g) 5r1
 2) a) 4r5 b) 7r4 c) 7r1 d) 8r1 e) 11r1 f) 8r5 g) 7r3
 3) a) 7r3 b) 7r4 c) 11r1 d) 8r6 e) 6r2 f) 8r5 g) 8r3
 4) a) 6r1 b) 3r2 c) 5r5 d) 3r6 e) 3r1 f) 8r1 g) 4r4

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- 1) a) 9 b) 10 c) 1 d) 1 e) 11 f) 8 g) 18
 2) a) 10 b) 6 c) 2 d) 15 e) 17 f) 16 g) 15
 3) a) 9 b) 15 c) 8 d) 3 e) 21 f) 13 g) 11
 4) a) 12 b) 24 c) 5 d) 24 e) 25 f) 15 g) 12

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- 1) a) 2 b) 4 c) 6 d) 3 e) 7 f) 5 g) 8
 2) a) 11 b) 5 c) 8 d) 9 e) 10 f) 7 g) 6
 3) a) 11 b) 12 c) 8 d) 7 e) 6 f) 9 g) 10
 4) a) 11 b) 13 c) 12 d) 9 e) 10 f) 8 g) 14

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- 1) a) 4 b) 4 c) 6 d) 8 e) 7 f) 6 g) 5
 2) a) 5 b) 12 c) 8 d) 14 e) 10 f) 8 g) 8
 3) a) 7 b) 11 c) 7 d) 7 e) 7 f) 7 g) 5
 4) a) 10 b) 8 c) 3 d) 7 e) 6 f) 4 g) 9

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- 1) a) 8r1 b) 4r1 c) 7r2 d) 10r1 e) 5r1 f) 5r2 g) 5r3
 2) a) 7r1 b) 11r1 c) 9r2 d) 11r1 e) 3r2 f) 9r2 g) 13r3
 3) a) 8r1 b) 4r3 c) 10r2 d) 6r1 e) 9r1 f) 11r2 g) 7r1
 4) a) 12r1 b) 3r1 c) 7r2 d) 7r2 e) 11r1 f) 12r1 g) 9r1

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- 1) a) 3r1 b) 2r1 c) 4r1 d) 2r2 e) 3r2 f) 7r1 g) 3r1
 2) a) 3r5 b) 1r4 c) 4r4 d) 5r4 e) 7r4 f) 4r3 g) 9r3
 3) a) 12r4 b) 5r5 c) 8r4 d) 7r1 e) 10r4 f) 4r3 g) 5r4
 4) a) 11r5 b) 9r6 c) 9r5 d) 9r7 e) 10r6 f) 4r5 g) 8r8

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- 1) a) 16 b) 15 c) 16 d) 19 e) 16 f) 12 g) 19
 2) a) 17 b) 16 c) 18 d) 19 e) 18 f) 21 g) 23
 3) a) 14 b) 23 c) 25 d) 26 e) 19 f) 24 g) 15
 4) a) 26 b) 24 c) 17 d) 18 e) 24 f) 26 g) 21

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- 1) a) 13 b) 13 c) 16 d) 14 e) 13 f) 15 g) 14
 2) a) 14 b) 14 c) 18 d) 15 e) 15 f) 17 g) 17
 3) a) 16 b) 15 c) 15 d) 16 e) 21 f) 18 g) 18
 4) a) 18 b) 19 c) 19 d) 17 e) 19 f) 18 g) 19

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- 1) a) 11r1 b) 31r1 c) 23r1 d) 21r1 e) 11r2 f) 33r1 g) 21r2
 2) a) 13r2 b) 18r2 c) 28r2 d) 18r2 e) 16r1 f) 17r1 g) 15r2
 3) a) 16r3 b) 36r1 c) 13r3 d) 24r1 e) 15r3 f) 19r1 g) 13r4
 4) a) 23r3 b) 19r3 c) 29r1 d) 24r2 e) 21r3 f) 19r1 g) 19r4

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- 1) a) 12r3 b) 14r5 c) 13r4 d) 12r1 e) 15r2 f) 12r7 g) 14r1
 2) a) 15r1 b) 12r4 c) 12r4 d) 14r3 e) 13r7 f) 14r1 g) 15r5
 3) a) 13r6 b) 14r3 c) 20r2 d) 14r3 e) 12r3 f) 9r5 g) 13r5
 4) a) 13r6 b) 19r3 c) 21r1 d) 12r3 e) 17r5 f) 16r2 g) 16r5

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- 1) a) 52r1 b) 33r3 c) 54r2 d) 54r1 e) 62 f) 35r4
 g) 64
 2) a) 47r1 b) 50r1 c) 70 d) 51r1 e) 72r1 f) 56r2
 g) 37r4
 3) a) 61r1 b) 79r1 c) 115r2 d) 98r1 e) 96r2
 f) 130r2 g) 155
 4) a) 121r2 b) 92r1 c) 98 d) 103r2 e) 119r2
 f) 129r1 g) 93

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- 1) a) 227 b) 191r2 c) 122r1 d) 250r2 e) 154r1
f) 177r1 g) 165r1
2) a) 204r1 b) 210r2 c) 123r1 d) 151r2 e) 164
f) 229 g) 163
3) a) 205 b) 149 c) 166r2 d) 198r2 e) 149r1
f) 195r2 g) 215r1
4) a) 147r1 b) 222r1 c) 190r3 d) 175r3 e) 258r1
f) 223 g) 325r1

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- 1) a) 29r1 b) 28r4 c) 94r3 d) 31r1 e) 39r3 f) 54r4
g) 65r3
2) a) 36r5 b) 90r2 c) 64r4 d) 93r1 e) 50r2 f) 42r4
g) 84r1
3) a) 79r4 b) 57 c) 68r7 d) 64r5 e) 61r3 f) 91r1
g) 92r7
4) a) 90r7 b) 62r3 c) 94r4 d) 99r6 e) 81 f) 106r6
g) 99r5

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- 1) a) 283r1 b) 159r2 c) 195r1 d) 114r3 e) 218r1
f) 189 g) 114r3
2) a) 83r7 b) 70r2 c) 173 d) 80r5 e) 115r5
f) 138r4 g) 135r1
3) a) 216 b) 148r5 c) 168r3 d) 106r1 e) 142r5
f) 92r4 g) 86r6
4) a) 123r2 b) 93r7 c) 139r2 d) 85r1 e) 136r1
f) 120r5 g) 132r2

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- 1) a) 135r5 b) 117 c) 126r2 d) 136r1 e) 118r1
f) 138r1 g) 106r4
2) a) 116r4 b) 133r4 c) 124r5 d) 124r1 e) 134r2
f) 110r7 g) 136r4
3) a) 113r2 b) 126r3 c) 128 d) 159r4 e) 108
f) 149r4 g) 120r3
4) a) 149r3 b) 119r1 c) 136 d) 109r4 e) 133r1
f) 128r1 g) 151r1

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- 1) a) 19 b) 35 c) 47 d) 42 e) 24 f) 39 g) 46
2) a) 38 b) 22 c) 50 d) 45 e) 27 f) 57 g) 21
3) a) 73 b) 17 c) 65 d) 51 e) 59 f) 46 g) 48
4) a) 51 b) 48 c) 44 d) 55 e) 49 f) 61 g) 52

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- 1) a) 36r3 b) 48r10 c) 21r7 d) 29r1 e) 49r11
f) 32r13 g) 33r5
2) a) 42r5 b) 32r12 c) 27r1 d) 48r6 e) 41r15
f) 55r12 g) 20r6
3) a) 66r6 b) 23r4 c) 40r16 d) 37r3 e) 56r11
f) 31r11 g) 59r7
4) a) 28r10 b) 56r7 c) 25r1 d) 75r12 e) 46r17
f) 44r5 g) 53r8

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- 1) a) 27r6 b) 34r6 c) 12r44 d) 20r12 e) 16r21
f) 21r22 g) 10r36
2) a) 22r1 b) 20r6 c) 15r7 d) 18r11 e) 33r26
f) 14r45 g) 16r39
3) a) 12r25 b) 12r9 c) 16r17 d) 18r24
e) 34r3 f) 11r60 g) 11r17
4) a) 22r27 b) 15r19 c) 12r25 d) 12r70 e) 13r11
f) 15r7 g) 12r20

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- 1) a) 2.4 b) 5.3 c) 2.6 d) 8.6 e) 3.4 f) 6.5 g) 5.6
2) a) 8.5 b) 6.4 c) 7.8 d) 4.6 e) 5.8 f) 3.3 g) 7.4
3) a) 6.7 b) 12.3 c) 9.7 d) 6.8 e) 8.7 f) 9.6 g) 8.4
4) a) 9.6 b) 7.8 c) 7.8 d) 9.3 e) 8.6 f) 12.5 g) 9.2

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- 1) a) 12.5 b) 17.6 c) 12.6 d) 14.5 e) 16.3 f) 11.3 g) 11.6
2) a) 12.9 b) 16.7 c) 10.5 d) 15.3 e) 11.7 f) 16.4 g) 10.9
3) a) 12.3 b) 10.7 c) 12.4 d) 15.9 e) 10.8 f) 15.7 g) 13.9
4) a) 13.4 b) 10.4 c) 11.8 d) 14.2 e) 12.4 f) 10.6 g) 12.1

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- 1) a) 23.7 b) 25.9 c) 23.6 d) 26.9 e) 32.5 f) 53.2 g) 36.4
2) a) 34.6 b) 56.7 c) 28.6 d) 43.6 e) 24.6 f) 45.8 g) 45.3
3) a) 72.3 b) 67.4 c) 52.6 d) 42.5 e) 67.8 f) 45.3 g) 75.8
4) a) 57.8 b) 65.3 c) 62.3 d) 63.4 e) 62.3 f) 78.9 g) 62.3

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- 1) a) 76.3 b) 86.3 c) 95.2 d) 89.9 e) 98.4 f) 87.6 g) 99.9
2) a) 99.7 b) 75.4 c) 94.7 d) 94.8 e) 98.3 f) 79.9 g) 99.6
3) a) 87.9 b) 96.3 c) 78.3 d) 99.8 e) 86.4 f) 78.9 g) 99.3
4) a) 87.4 b) 99.8 c) 97.4 d) 98.7 e) 99.7 f) 87.4 g) 99.9