NAME _____

STEP IT UP! 1

MENTAL MATHS

ADDITION & SUBTRACTION

5 + 5 = 10	3 + 5 = 8	11 – 3 = 8
9 + 9 = 18	6 + 7 = 13	12 – 9 = 3
4 + 11 = 15	1 + 4 = 5	17 – 4 = 13
3 + 4 = 7	4 + 7 = 11	8 – 1 = 7
6 + 5 = 11	8 + 5 = 13	8 – 5 = 3

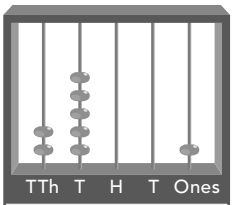
MULTIPLICATION & DIVISION

2 × 9 = 18	2 × 25 = 50	3 ÷ 3 = 1
5 × 2 = 10	2 × 20 = 40	9 ÷ 3 = 3
7 × 2 = 14	50 × 2 = 100	15 ÷ 3 = 5
10 × 2 = 20	30 × 2 = 60	24 ÷ 3 = 8
1 × 2 = 2	2 × 40 = 80	21 ÷ 3 = 7

NUMBER & ALGEBRA

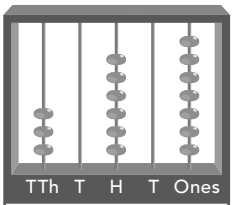
NUMBER & PLACE VALUE

1 Write the number and the number words.



25 001

twenty-five thousand and one



30 607

thirty thousand, six hundred and seven

2 Double one factor and halve the other. Then write the answers.

15 × 6 = 90 is the same as 30 × 3 = 90

18 × 30 = 540 is the same as 9 × 60 = 540

14 × 25 = 350 is the same as 7 × 50 = 350

60 × 15 = 900 is the same as 30 × 30 = 900

8 × 45 = 360 is the same as 4 × 90 = 360

16 × 45 = 720 is the same as 8 × 90 = 720

MONEY & FINANCIAL MATHEMATICS

3 Calculate the cost of buying 5 tickets.

WATERWORLD $65

$60 x 5 = 300
+ $5 x 5 = 25

Total $ 325

LASER SEEK $39

$30 x 5 = 150
+ $9 x 5 = 45

Total $ 195

SCREAMLAND $99

$90 x 5 = 450
+ $9 x 5 = 45

Total $ 495

HORSE GETAWAYS $54

$50 x 5 = 250
+ $4 x 5 = 20

Total $ 270

4 Draw the extra coins to pay the exact amount.

$4.80 — 2 dollars, 50c ($2.30 more)

$3.25 — 1 dollar, 10c ($2.15 more)

$4.75 — 1 dollar, 20c ($3.55 more)

i You can use a **place-value strategy** to multiply.
For example, when you *see* 6 × 35 *think* 6 × 30 plus 6 × 5 = 180 + 30 = 210.

✱ Answers will vary.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

5 Convert these measurements.

$\frac{1}{2}$ of 1 m	50 cm	$\frac{1}{2}$ of 1 kg	500 g
$\frac{1}{2}$ of 1 day	12 hours	$\frac{1}{2}$ of 1 cm	5 mm
$\frac{1}{2}$ of 1 L	500 mL	$\frac{1}{2}$ of 1 km	500 m
$\frac{1}{2}$ of 1 hour	30 min	$\frac{1}{2}$ of 6 weeks	21 days

6

Year 5 Camp Timetable	
7:30 a.m.	Breakfast
8:15 a.m.	Surfing
10:15 a.m.	Morning tea
10:35 a.m.	High ropes course
Noon	Lunch
1:15 p.m.	Raft building
3:00 p.m.	Swimming

a. What is happening at 10 a.m.? Surfing

b. Which activity takes 45 minutes? Breakfast

c. Is raft building in the morning or afternoon? Afternoon

d. If the students stay in the pool for $1\frac{1}{2}$ hours, at what time will they get out of the pool? 4:30 p.m.

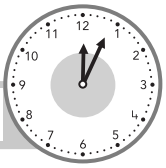
e. For how long will they surf? 2 hours

7 Write the times that are shown.

23 minutes past 2 — 2:23

6:51 — 9 minutes to 7

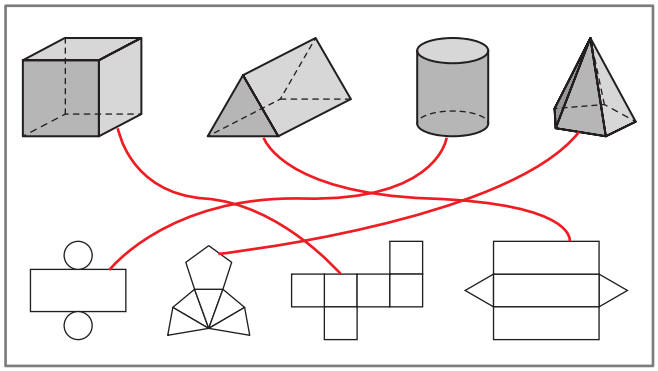
20 minutes to 12 — 11:40



12:04 — 4 minutes past 12

SHAPE

8 Draw a line to connect each 3D object to its net.



STATISTICS & PROBABILITY

CHANCE ✱

9 **a.** Roll a regular die 20 times and record each result.

Number rolled	Tally	Total
⚀		
⚁		
⚂		
⚃		
⚄		
⚅		

b. How many times did you roll an even number?

c. How many times did you roll an odd number?

d. Which number was rolled the most?

e. Which number was rolled the least?

f. How many times was a multiple of 2 rolled?

g. How many times was a multiple of 3 rolled?

TESTER

Look at the camp timetable in Question 6.
If you woke up at 6:50 a.m., how many minutes would you wait until breakfast?

Colour one bubble.

30 ○ 45 ○ 35 ○ 40 ●

PARENT/CARER SIGNATURE _____ DATE _____

✱ Answers will vary. This is one example.

NAME _____

STEP IT UP! 2

MENTAL MATHS

ADDITION & SUBTRACTION

6 + 5 = 11	3 + 8 = 11	14 − 11 = 3
8 + 9 = 17	4 + 3 = 7	7 − 4 = 3
10 + 11 = 21	6 + 6 = 12	9 − 3 = 6
2 + 3 = 5	8 + 4 = 12	7 − 6 = 1
12 + 13 = 25	9 + 10 = 19	8 − 3 = 5

MULTIPLICATION & DIVISION

1 × 3 = 3	20 × 3 = 60	8 ÷ 4 = 2
3 × 6 = 18	3 × 13 = 39	20 ÷ 4 = 5
3 × 3 = 9	3 × 11 = 33	36 ÷ 4 = 9
8 × 3 = 24	100 × 3 = 300	28 ÷ 4 = 7
5 × 3 = 15	50 × 3 = 150	24 ÷ 4 = 6

NUMBER & ALGEBRA

NUMBER & PLACE VALUE ✱

1 Write a number to match each description.

a. Four-digit number with 6 tens — 1261

b. Three-digit number with 2 hundreds — 247

c. Five-digit number with 1 thousand — 31 509

d. Five-digit number with 0 hundreds — 60 041

2 Write these numbers.

10 less	62 370	34 790	25 389	18 000
	62 380	34 800	25 399	18 010
100 more	62 480	34 900	25 499	18 110
100 less	49 021	55 999	18 967	37 708
	49 121	56 099	19 067	37 808
1000 more	50 121	57 099	20 067	38 808

3 Write each list in order from greatest to least.

49 589	49 000
51 600	49 099
49 099	49 589
55 327	51 499
51 499	51 600
55 400	55 327
49 000	55 400

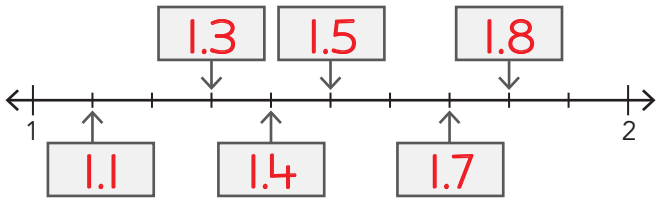
31 099	30 199
39 019	30 919
39 091	31 099
30 199	31 909
31 909	31 990
31 990	39 019
30 919	39 091

FRACTIONS & DECIMALS

4 Write the matching decimal.

$\frac{3}{10}$ = 0.3	$\frac{2}{5}$ = 0.4	$\frac{7}{10}$ = 0.7
0.6 = $\frac{6}{10}$	0.5 = $\frac{1}{2}$	0.1 = $\frac{1}{10}$
$\frac{9}{10}$ = 0.9	$\frac{4}{5}$ = 0.8	$\frac{4}{10}$ = 0.4
0.8 = $\frac{8}{10}$	0.2 = $\frac{2}{10}$	0.5 = $\frac{5}{10}$

5 Write decimals in the boxes.



PATTERNS & ALGEBRA

6 Work out and write the unknown amounts.

23 + 36 = 59	23 + 23 = 92 − 46
64 − 19 = 45	75 − 13 = 56 + 6
76 + 17 = 93	47 + 22 = 84 − 15
82 − 45 = 37	97 − 10 = 59 + 28
61 + 19 = 80	32 + 12 = 61 − 17

The **reflection** of a shape looks like the shape has been flipped over an imaginary line.

✱ Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

7 Convert these lengths.

10 mm	1 cm	1 cm	10 mm
100 cm	1 m	1 km	1000 m
40 mm	4 cm	24 cm	240 mm
4 km	4000 m	2 m	2000 mm

8 Measure and write in millimetres. ✱

a. Width of this page 210 mm

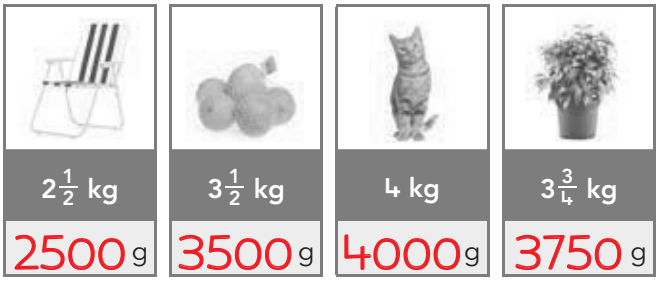
b. Length of the TV remote control 160 mm

c. Width of your pencil 7 mm

d. Height of a jar 80 mm

e. Thickness of your reading book 13 mm

9 Write the mass in grams.



$2\frac{1}{2}$ kg	$3\frac{1}{2}$ kg	4 kg	$3\frac{3}{4}$ kg
2500 g	3500 g	4000 g	3750 g

10 Write each time on the digital clock.

eighteen minutes past seven — 7 : 18

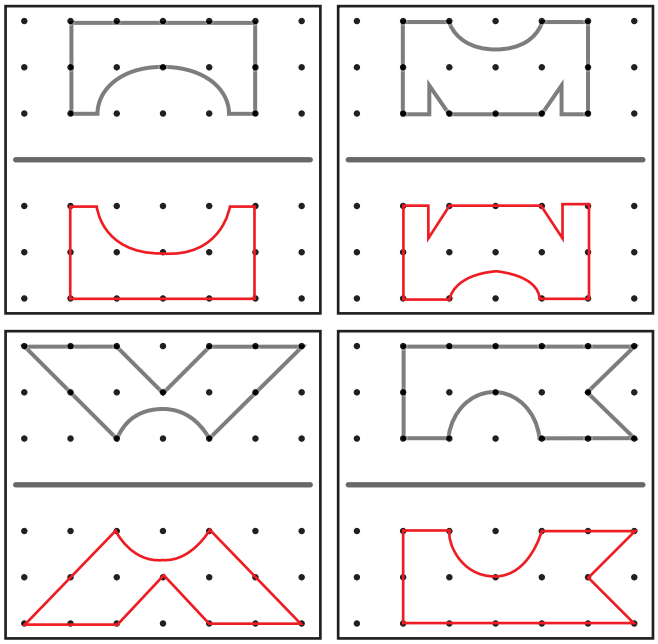
11 : 34 — eleven thirty-four

six minutes to five — 4 : 54

5 : 15 — quarter past five

LOCATION & TRANSFORMATION

11 Draw the reflection across the blue line.



STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

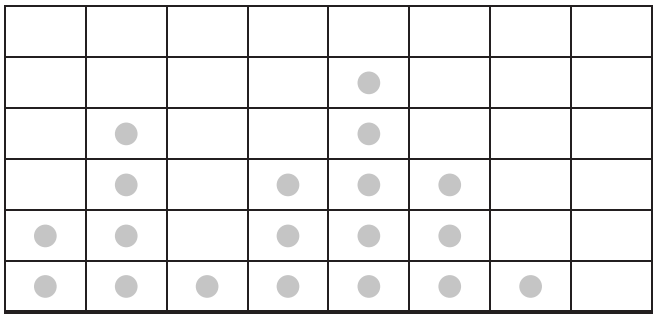
12 Each ● on this dot plot represents one dealer.

a. How many dealers sold cars? 17

b. How many dealers sold more than 4 cars? 4

c. What number of cars did most dealers sell? 4

d. How many dealers sold fewer than 3 cars? 7



Number of Cars Sold by Dealers on a Weekend

TESTER

Which shape has 3 acute angles inside?

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

* Answers will vary. This is one example.

NAME _____

STEP IT UP! 3

MENTAL MATHS

ADDITION & SUBTRACTION

7 + 8 = 15	13 + 15 = 28	17 – 15 = 2
9 + 11 = 20	26 + 17 = 43	4 – 2 = 2
4 + 12 = 16	11 + 14 = 25	6 – 4 = 2
13 + 14 = 27	14 + 17 = 31	16 – 6 = 10
16 + 15 = 31	18 + 25 = 43	13 – 11 = 2

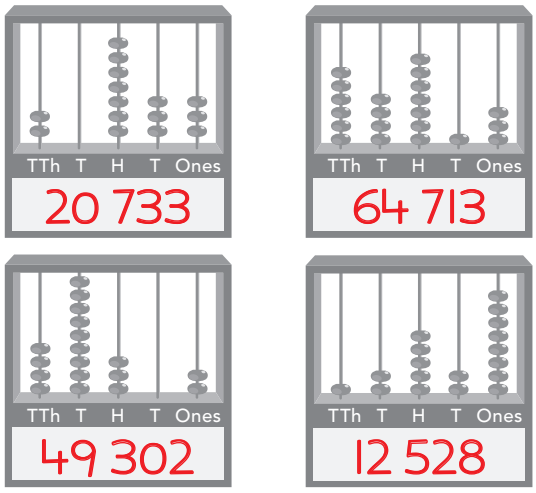
MULTIPLICATION & DIVISION

4 × 4 = 16	4 × 25 = 100	5 ÷ 5 = 1
7 × 4 = 28	4 × 100 = 400	30 ÷ 5 = 6
4 × 1 = 4	20 × 4 = 80	40 ÷ 5 = 8
4 × 6 = 24	11 × 4 = 44	50 ÷ 5 = 10
3 × 4 = 12	4 × 21 = 84	20 ÷ 5 = 4

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write the number shown on each abacus.



2 Write the numbers **100 less** and **100 more**.

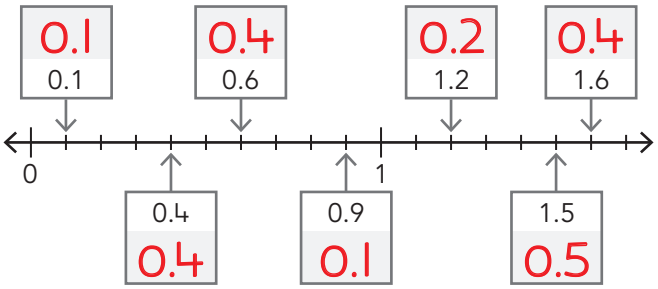
100 less	58 298	24 862	39 952	79 824
	58 398	24 962	40 052	79 924
100 more	58 498	25 062	40 152	80 024

3 Use a nearby fact that you know to help complete these.

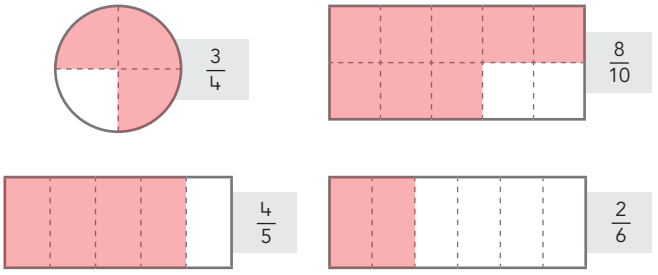
41 × 5 = 205	6 × 39 = 234
4 × 29 = 116	31 × 9 = 279
49 × 6 = 294	3 × 38 = 114
5 × 71 = 355	29 × 9 = 261
28 × 4 = 112	6 × 48 = 288
5 × 32 = 160	22 × 7 = 154

FRACTIONS & DECIMALS

4 Write how far away each decimal is from the nearest whole number.



5 Shade the fraction. *



MONEY & FINANCIAL MATHEMATICS

6 Work out the change from each purchase.

$50	$40	$30
Buy all of these.	Buy all of these.	Buy all of these.
• $14.25	• $7.20	• $8.95
• $9.95	• $9.15	• $15.85
• $23.05	• $13.95	• $2.75
Change $2.75	Change $9.70	Change $2.45

You can **use a nearby fact** that you know to help you work out the answer for a multiplication problem. For example, when you *see* 61 × 5 *think* 60 × 5 plus 5 more.

✱ Answers will vary. This is one example.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

7 List some other objects or distances that are close to each length. ✱

30 mm	3 m	1 km
paperclip	room	4 times round the oval
eraser	car	bridge
50c coin	snake	runway
bottle cap	fence	racetrack

8 List some things that match each length. ✱

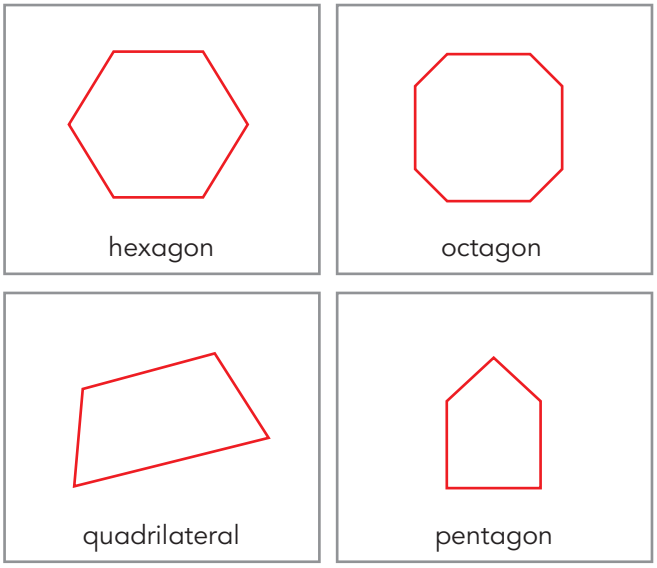
A little less than 30 mm	A little more than 1000 mm
fingernail	desk
lolly	bicycle
sewing needle	guitar

9 Convert these lengths.

13 cm	130	mm	185 mm	18.5	cm
21 cm	210	mm	150 mm	15	cm
56 cm	560	mm	25 mm	2.5	cm
85 cm	850	mm	750 mm	75	cm
15.5 cm	155	mm	201 mm	20.1	cm

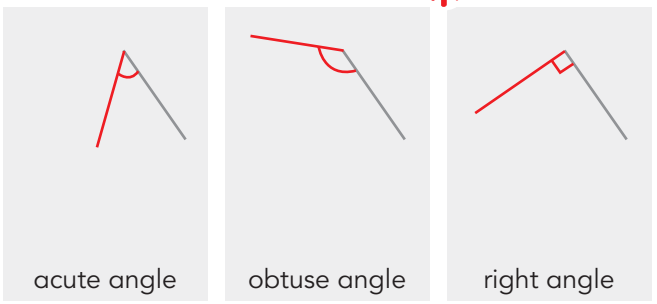
SHAPE

10 Draw a shape to match each label. ✱



GEOMETRIC REASONING

11 Draw a line to complete each angle. Mark each angle with an arc. ✱

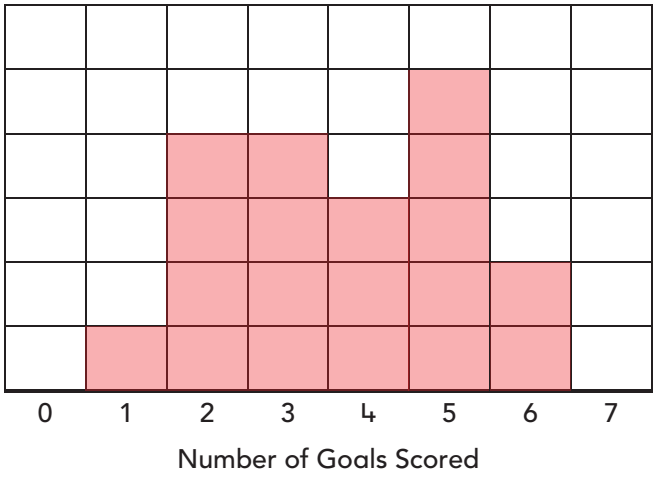


STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

12 Use this table to complete the dot plot.

Number of Goals Scored	Tally of Players
6	||
5	𝍸
4	|||
3	𝍸 |
2	𝍸 |
1	|



TESTER

Two cars were sold at auction for $8450 and $4190.
How much money was raised?

Write your answer in the box.

Total $ 12 640

PARENT/CARER SIGNATURE _____ DATE _____

✱ Answers will vary. This is one example.

NAME _____

STEP IT UP! 4

MENTAL MATHS

ADDITION & SUBTRACTION

13 + 7 = 20	6 + 4 = 10	15 − 3 = 12
14 + 2 = 16	13 + 7 = 20	23 − 12 = 11
29 + 11 = 40	6 + 8 = 14	38 − 17 = 21
29 + 24 = 53	12 + 8 = 20	36 − 12 = 24
15 + 15 = 30	2 + 15 = 17	41 − 15 = 26

MULTIPLICATION & DIVISION

5 × 4 = 20	5 × 11 = 55	54 ÷ 6 = 9
5 × 7 = 35	5 × 20 = 100	36 ÷ 6 = 6
5 × 1 = 5	5 × 50 = 250	18 ÷ 3 = 6
5 × 3 = 15	5 × 12 = 60	48 ÷ 8 = 6
5 × 10 = 50	5 × 30 = 150	42 ÷ 7 = 6

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write these numbers.

fifteen thousand, two hundred and sixty-eight	15 268
thirty-nine thousand, seven hundred and twenty-four	39 724
seventy thousand, one hundred and seventeen	70 117
forty-two thousand, six hundred and one	42 601
sixteen thousand and five	16 005

2 Look at this log book of kilometres travelled.

Date	Start	Finish	Total km
6 Jan	68 971	69 002	31
7 Jan	69 002	69 117	115
8 Jan	69 117	69 295	178
9 Jan	69 295	69 334	39

a. Write the kilometres travelled each day.

b. How many kilometres were travelled altogether over these 4 days? 363

3 Write the missing factors and multiples.

✱

30 is a multiple of / is a factor of 5

24 is a multiple of / is a factor of 3

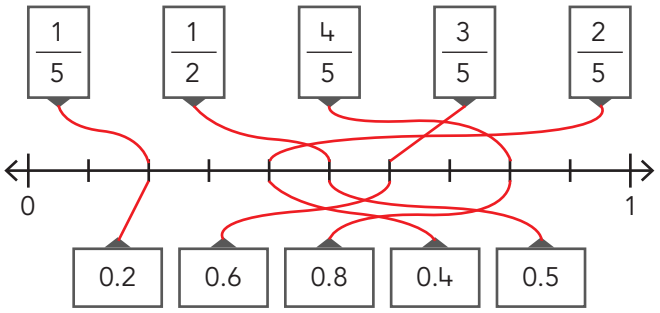
64 is a multiple of / is a factor of 8

28 is a multiple of / is a factor of 4

25 is a multiple of / is a factor of 5

FRACTIONS & DECIMALS

4 **a.** Connect each fraction and decimal to its position on the number line.



b ✱ Write 3 pairs of equivalent fractions from above.

1/5 = 0.2 1/2 = 0.5 4/5 = 0.8

PATTERNS & ALGEBRA

5 Write the missing numbers in each pattern.

9, 18, 27, 36, 45, 54, 63, 72

4, 8, 12, 16, 20, 24, 28, 32

7, 14, 21, 28, 35, 42, 49, 56

6, 12, 18, 24, 30, 36, 42, 42

8, 16, 24, 32, 40, 48, 56, 64

i The **multiples** of a number are the numbers you say when you start at 0 and count in steps of that number. For example, the multiples of 4 are 4, 8, 12, 16, 20, 24, and so on.

✱ Answers will vary. This is one example.

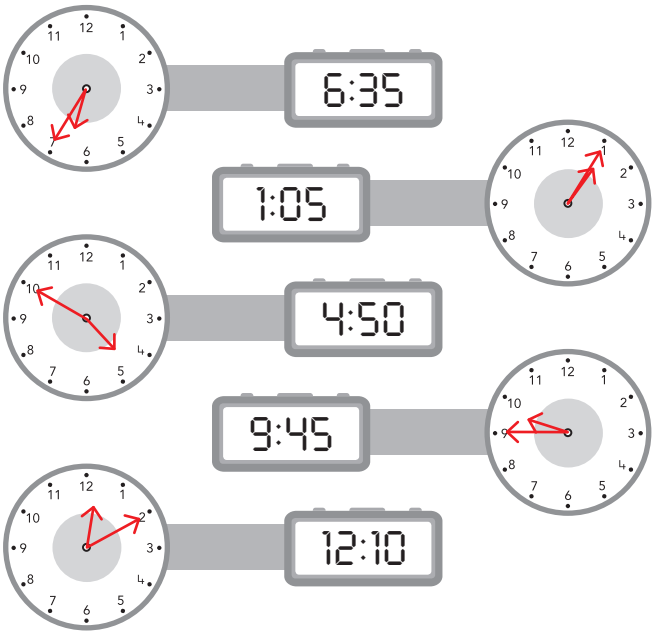
MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

6 Convert these times.

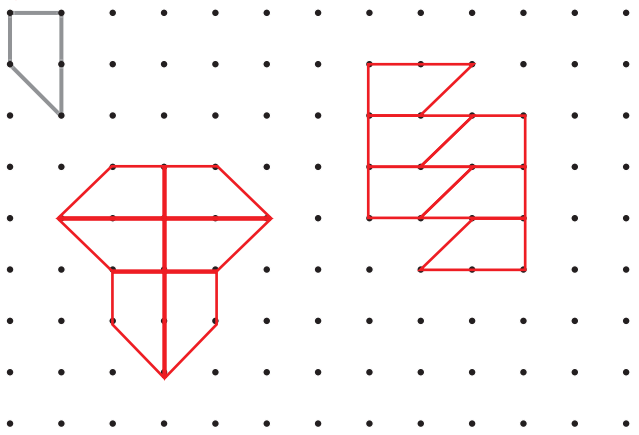
3 days	72 hrs	1 minute	60 sec
6 fortnights	12 weeks	$2\frac{1}{2}$ mins	150 sec
1 year	365 days	$1\frac{1}{2}$ years	18 mth
$1\frac{1}{2}$ hours	90 min	leap year	366 days

7 Draw hands to show the time on each clock.



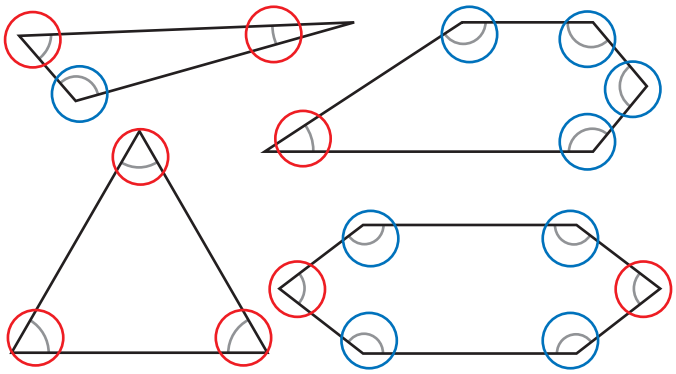
LOCATION & TRANSFORMATION

8 Draw 2 different shapes that you can make with 6 copies of this shape. ✱



GEOMETRIC REASONING

9 Loop in red all the acute angles.
Loop in blue all the obtuse angles.

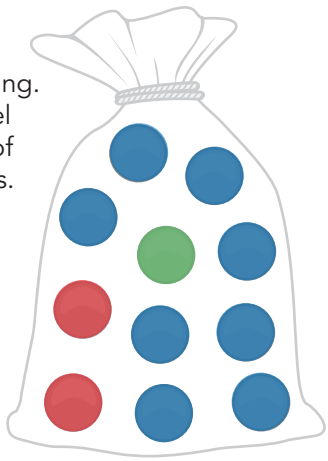


STATISTICS & PROBABILITY

CHANCE

10 Imagine you take a marble out without looking. Choose and copy a label to describe the chance of taking out these marbles.

likely | impossible | certain | even chance | unlikely



a. a green marble — unlikely

b. a blue marble — likely

c. a yellow marble — impossible

d. a green, blue or red marble — certain

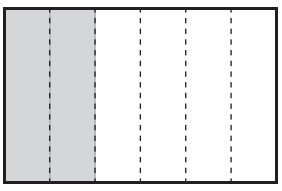
e. Write colours to complete this sentence.

If one green marble was added to the bag, green and red would have an even chance.

TESTER

Which fraction is equivalent to the fraction that is shaded?

$\frac{2}{4}$ ○ $\frac{1}{3}$ ● $\frac{2}{3}$ ○ $\frac{4}{6}$ ○



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 5

MENTAL MATHS

ADDITION & SUBTRACTION

36 + 5 = 41	53 + 18 = 71	33 – 16 = 17
78 + 9 = 87	54 + 23 = 77	45 – 35 = 10
40 + 41 = 81	46 + 26 = 72	24 – 13 = 11
42 + 13 = 55	68 + 4 = 72	44 – 32 = 12
62 + 23 = 85	69 + 10 = 79	31 – 17 = 14

MULTIPLICATION & DIVISION

2 × 6 = 12	0 × 6 = 0	56 ÷ 7 = 8
6 × 6 = 36	6 × 10 = 60	70 ÷ 10 = 7
6 × 8 = 48	12 × 6 = 72	63 ÷ 9 = 7
6 × 4 = 24	11 × 6 = 66	28 ÷ 4 = 7
7 × 6 = 42	6 × 100 = 600	35 ÷ 5 = 7

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Write these numbers in words.

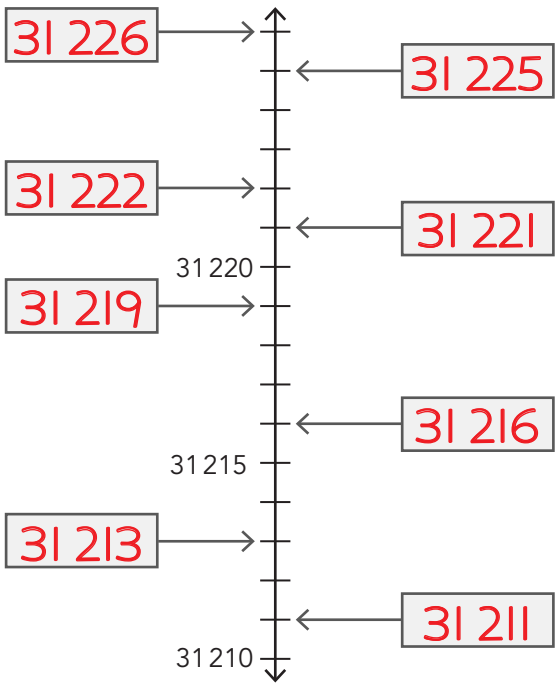
24 328 twenty-four thousand, three hundred and twenty-eight

30 541 thirty thousand, five hundred and forty-one

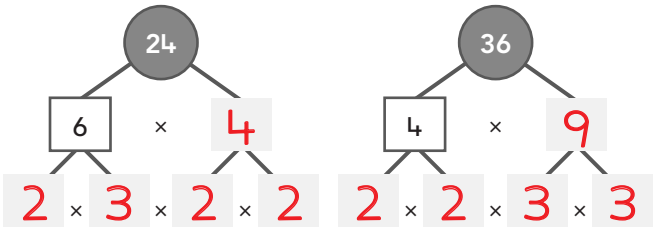
68 807 sixty-eight thousand, eight hundred and seven

84 037 eighty-four thousand, and thirty-seven

2 Write the numbers in the boxes.



3 Complete these factor trees.



4 Halve these numbers.

48 → 24	30 → 15	76 → 38
50 → 25	42 → 21	34 → 17
84 → 42	96 → 48	62 → 31
128 → 64	134 → 67	140 → 70

MONEY & FINANCIAL MATHEMATICS

5 Calculate the change.

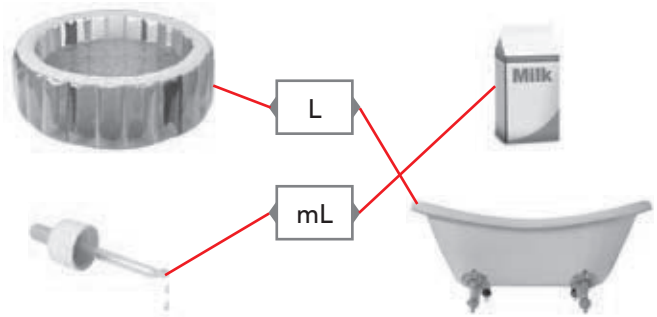
$10 • $6.80 $10 – 6 $4 – 80c Change $ 3.20	$20 • $12.30 $20 – 12 $8 – 30c Change $ 7.70
$15 • $13.95 $15 – 13 $2 – 95c Change $ 1.05	$25 • $21.35 $25 – 21 $4 – 35c Change $ 3.65

A **parallelogram** is a 2D shape that has exactly 2 pairs of parallel sides.

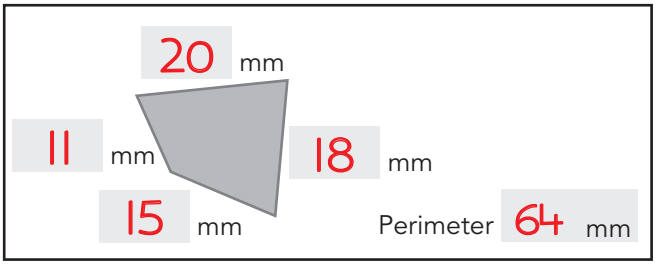
MEASUREMENT & GEOMETRY

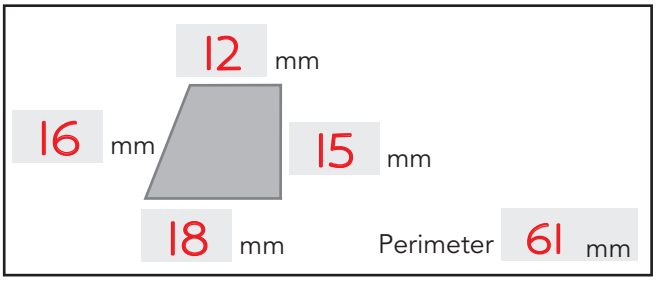
USING UNITS OF MEASUREMENT

6 Connect each picture to the measurement unit that best suits.



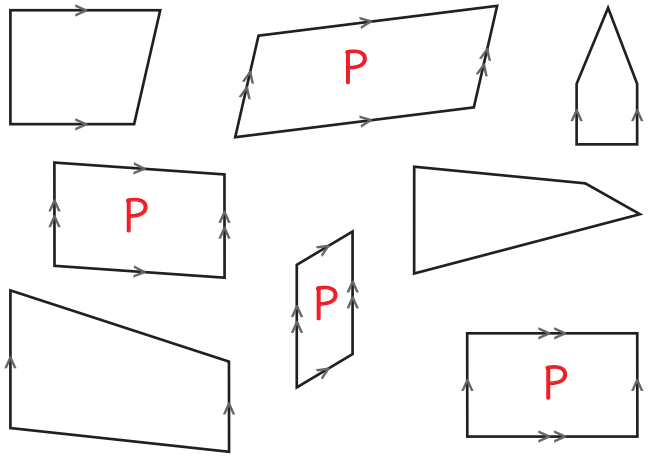
7 Measure and label the sides of these shapes. Then write the perimeter.



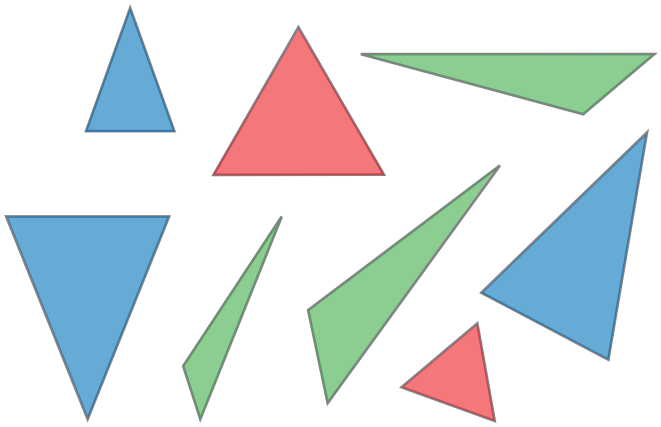


SHAPE

8 Write a **P** inside the parallelograms.



9 Shade the equilateral triangles red, the isosceles triangles blue and the scalene triangles green.



STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

10 Complete the picture graph to show this data.

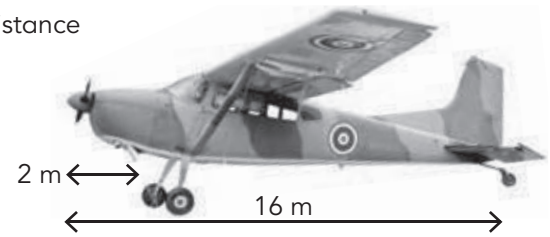
Band	Tally of Tickets Sold
U2	𝍸 |||
Jack Johnson	𝍸 𝍸 ||
Lady Gaga	𝍸 𝍸 𝍸 |||
Jebediah	||
Guy Sebastian	𝍸 𝍸

Tickets Sold for Concerts = 4 people

U2	▭	▭				
Jack Johnson	▭	▭	▭			
Lady Gaga	▭	▭	▭	▭	▭	
Jebediah	▭					
Guy Sebastian	▭	▭	▭			

TESTER

What fraction of the total plane length is the distance from the wheel to the nose of this aeroplane?



$\frac{16}{2}$ ○ $\frac{1}{4}$ ○ $\frac{1}{2}$ ○ $\frac{1}{8}$ ●

Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 6

MENTAL MATHS

ADDITION & SUBTRACTION

10 + 38 = 48	29 + 18 = 47	71 − 13 = 58
36 + 3 = 39	14 + 61 = 75	72 − 9 = 63
68 + 20 = 88	12 + 73 = 85	77 − 14 = 63
20 + 73 = 93	89 + 10 = 99	28 − 11 = 17
19 + 15 = 34	16 + 77 = 93	28 − 25 = 3

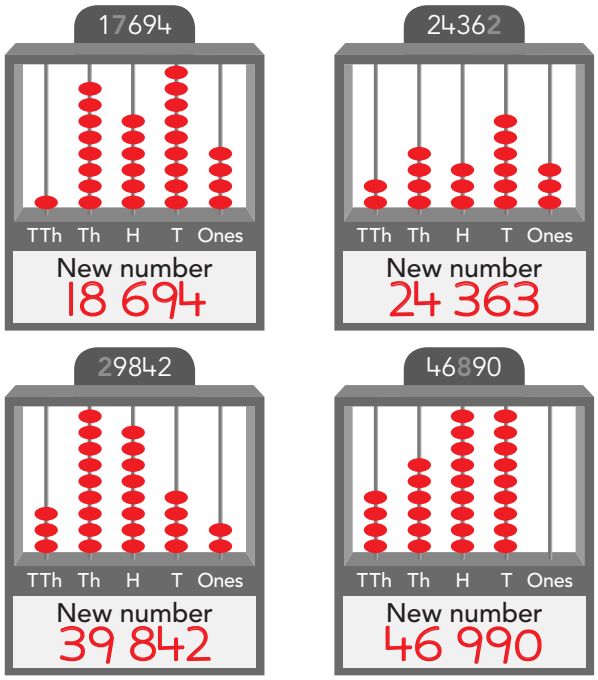
MULTIPLICATION & DIVISION

7 × 2 = 14	11 × 7 = 77	32 ÷ 8 = 4
7 × 6 = 42	20 × 7 = 140	64 ÷ 8 = 6
7 × 3 = 21	12 × 7 = 84	72 ÷ 8 = 9
7 × 10 = 70	100 × 7 = 700	24 ÷ 8 = 3
7 × 1 = 7	50 × 7 = 350	48 ÷ 8 = 6

NUMBER & ALGEBRA

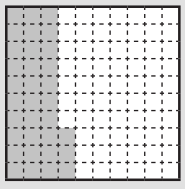
NUMBER & PLACE VALUE

1 Draw beads to show the number. Then add 1 more to the red digit and write the new number.

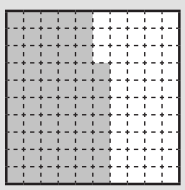


FRACTIONS & DECIMALS

2 Write the missing numbers to match the picture.

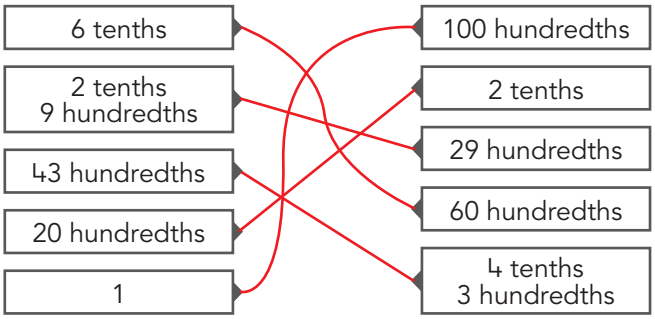


3 tenths and 3 hundredths **is the same as** 33 hundredths

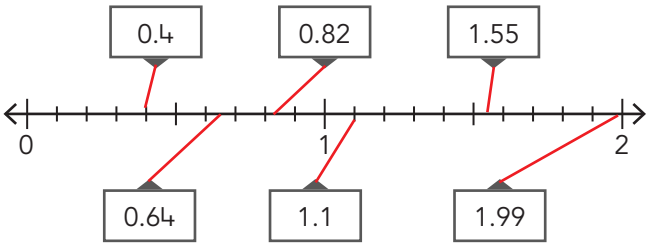


5 tenths and 7 hundredths **is the same as** 57 hundredths

3 Draw lines to match the numbers.



4 Mark these decimals on the number line.



MONEY & FINANCIAL MATHEMATICS

5 Calculate the cost of buying 5.

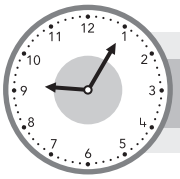
 • $86 80 x 5 + 6 x 5 Total $ 430	 • $32 30 x 5 + 2 x 5 Total $ 160
 • $96 90 x 5 + 6 x 5 Total $ 480	 • $42 40 x 5 + 2 x 5 Total $ 210

A **scalene triangle** has no sides the same length. An **isosceles triangle** has at least 2 sides the same length. An **equilateral triangle** has all 3 sides the same length.

MEASUREMENT & GEOMETRY

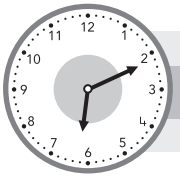
USING UNITS OF MEASUREMENT

6 Write the digital time and loop a.m. or p.m.



start of the school day — 9:05 — a.m. / p.m.

a.m. / p.m. — 10:36 — morning tea



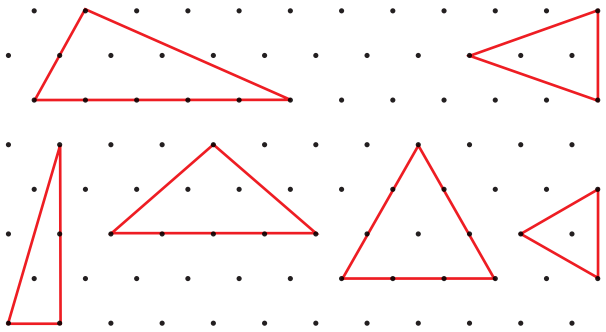
evening news — 6:11 — a.m. / p.m.

7 Match the times.

ten minutes past 4	2:45
twenty-six minutes past eight	10:40
three fifteen	3:15
twenty minutes to eleven	4:10
quarter to three	8:26

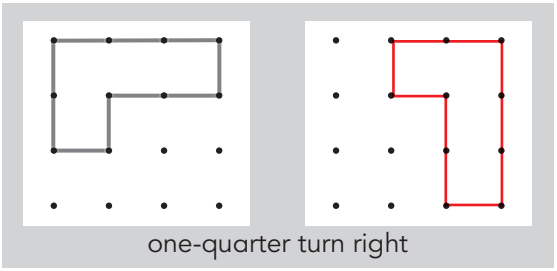
SHAPE

8 Draw 2 scalene, 2 isosceles and 2 equilateral triangles.



LOCATION & TRANSFORMATION

9 Draw the shape after making the turn.



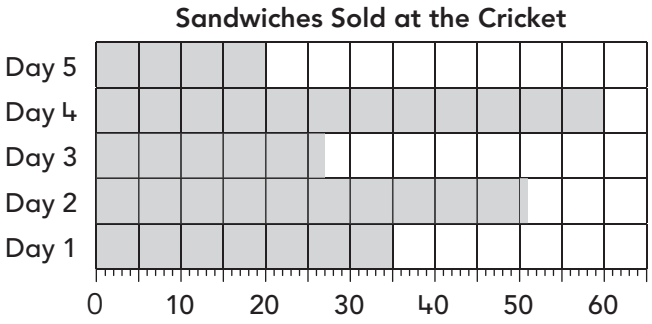
one-quarter turn right

three-quarter turn right

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

10 **a.** Use this data to complete the table.



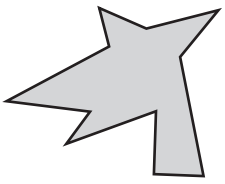
Day	Number of Sandwiches Sold
1	35
2	51
3	22
4	60
5	30

b. How many sandwiches were sold in total? 193

TESTER

How many acute angles are inside this shape?

11 ○ 5 ● 6 ○ 8 ○



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 7

MENTAL MATHS

ADDITION & SUBTRACTION

23 + 27 = 50	76 + 24 = 100	100 – 44 = 56
34 + 32 = 66	23 + 67 = 90	100 – 67 = 33
49 + 11 = 60	36 + 35 = 71	100 – 55 = 45
59 + 14 = 73	42 + 38 = 80	100 – 21 = 79
35 + 35 = 70	52 + 15 = 67	100 – 92 = 8

MULTIPLICATION & DIVISION

8 × 8 = 64	3 × 8 = 24	45 ÷ 9 = 5
8 × 6 = 48	5 × 8 = 40	72 ÷ 9 = 8
4 × 8 = 32	9 × 8 = 72	54 ÷ 9 = 6
8 × 2 = 16	7 × 8 = 56	90 ÷ 9 = 10
0 × 8 = 0	10 × 8 = 80	27 ÷ 9 = 3

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Round each number to the nearest 100 and 1000.

Nearest 100	62 400	14 900	97 600	41 300
	62 360	14 945	97 561	41 314
Nearest 1000	62 000	15 000	98 000	41 000

2 Loop the least number in each box.

17 642	17 609	17 581	(17 506)
(21 000)	21 424	21 399	21 401
49 421	(49 007)	49 714	49 070
94 861	94 002	94 348	(94 000)
60 418	60 399	(60 167)	60 190

FRACTIONS & DECIMALS

3 Write these numbers on the expanders.

three and twenty-nine hundredths

3 ones . 2 9 hundredths

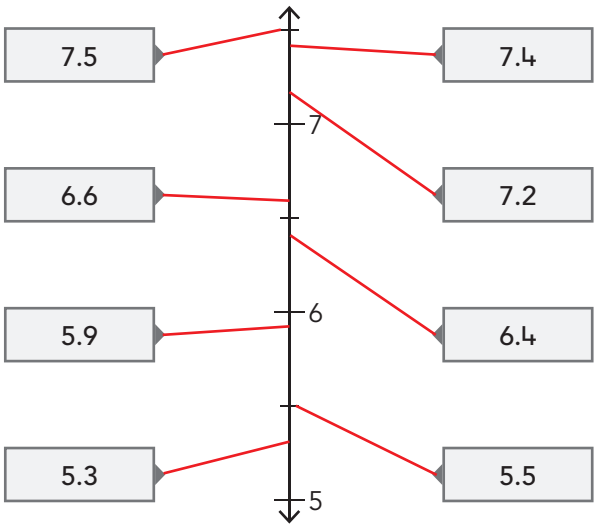
3 ones . 2 tenths 9 hundredths

two and eighty-two hundredths

2 ones . 8 2 hundredths

2 ones . 8 tenths 2 hundredths

4 Draw a line to show each position on the number line.



5 In each pair, colour the shorter distance.

2.09 m	3.00 m	4.72 m	3.91 m
6.05 m	6.48 m	2.90 m	1.98 m
3.45 m	3.08 m	3.81 m	3.18 m

PATTERNS & ALGEBRA

6 Continue these counting patterns.

1.4 , 1.6 , 1.8 , 2.0 , 2.2 , 2.4

3.1 , 3.3 , 3.5 , 3.7 , 3.9 , 4.1

1.24 , 1.34 , 1.44 , 1.54 , 1.64 , 1.74

1.85 , 1.90 , 1.95 , 2.00 , 2.05 , 2.10

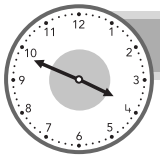
When you **compare and order** numbers, look at the greatest place first.

✱ Answers will vary. This is one example.

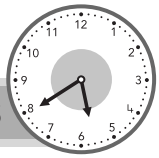
MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

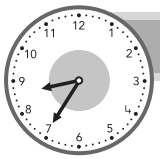
7 Write how many minutes until each bus leaves.



Bus leaves at 4:00 — 11 minutes



35 minutes — Bus leaves at 6:15



Bus leaves at 8:50 — 15 minutes

28 minutes — Bus leaves at 1:20

8 Complete the times.

1:46 — 14 minutes to 2

5:50 — 10 minutes to 6

2:37 — 23 minutes to 3

9:42 — 18 minutes to 10

10:31 — 29 minutes to 11

9 Look at these departure times.

Departures from Brisbane Airport			
Wellington	6:35 a.m.	London	3:46 p.m.
Mumbai	6:52 a.m.	Budapest	3:58 p.m.
Bali	7:05 a.m.	Berlin	4:40 p.m.
New York	7:17 a.m.	Samoa	5:15 p.m.
Fiji	8:30 a.m.	Hawaii	5:55 p.m.

a. What is the destination of the last flight before midday? Fiji

b. What is the destination of the first flight after midday? London

c. What is the time of the earliest flight? 6:35 a.m.

d. What is the time of the last flight? 5:55 p.m.

e. How long between the departures of these flights?

- Mumbai and New York — 25 minutes
- Wellington and Bali — 30 minutes

GEOMETRIC REASONING

10 Draw a shape to match each label. ✱

all right angles inside	all acute angles inside
	

STATISTICS & PROBABILITY

CHANCE

11 Write the name of an activity to match. ✱

a. unlikely to happen tomorrow

flying to Peru

b. likely to happen tomorrow

getting the bus to school

c. certain to happen in the morning

eating my breakfast

d. has an equal chance of happening in the morning or the afternoon

riding bikes with friends

e. certain to happen on the weekend

sleeping in!

f. is impossible

climbing a rainbow

g. is impossible in summer

making a snowman

TESTER

City	Brisbane	Sydney	Hobart	Darwin	Perth
Rainfall	214 mm	120 mm	87 mm	382 mm	112 mm

Write your answer in the box.

Look at the table. Calculate how much more rainfall Darwin had than Sydney. 262 mm

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! 8

MENTAL MATHS

ADDITION & SUBTRACTION

12 + 17 = 29	17 + 17 = 34	100 – 77 = 23
16 + 21 = 37	15 + 16 = 31	100 – 33 = 67
13 + 14 = 27	16 + 16 = 32	100 – 55 = 45
14 + 15 = 29	13 + 27 = 40	100 – 28 = 72
15 + 12 = 27	26 + 15 = 41	100 – 88 = 12

MULTIPLICATION & DIVISION

9 × 4 = 36	9 × 6 = 54	100 ÷ 10 = 10
7 × 9 = 63	3 × 9 = 27	20 ÷ 10 = 2
9 × 3 = 27	9 × 2 = 18	60 ÷ 10 = 6
8 × 9 = 72	10 × 9 = 90	90 ÷ 10 = 9
9 × 0 = 0	9 × 5 = 45	70 ÷ 10 = 7

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Complete these.

352 + 589 = 941	267 + 558 = 825	237 + 469 = 706
436 + 249 = 685	566 + 378 = 944	368 + 474 = 842

2 Add these cricket scores.

138 + 84	8 + 4 = 12 130 + 80 = 210	Total 222
67 + 241	7 + 1 = 8 60 + 240 = 300	Total 308
89 + 165	9 + 5 = 14 80 + 160 = 240	Total 254
212 + 98	2 + 8 = 10 210 + 90 = 300	Total 310
78 + 137	8 + 7 = 15 70 + 130 = 200	Total 215

FRACTIONS & DECIMALS

3 **a.** In each pair, colour the greater decimal.

4.17	4.71	6.92	6.29
2.82	2.91	1.33	1.23
3.69	3.96	3.23	3.32

b. Look at the decimals you coloured above. Write them in order from **greatest** to **least**.

6.92 4.71 3.96 3.32 2.91 1.33

MONEY & FINANCIAL MATHEMATICS

4 Calculate the total cost.

$3.95 + $4.95 $3.95 + $4 $7.95 + 95c Total $ 8.90	$3.25 + $11.95 $3.25 + $11 $14.25 + 95c Total $ 15.20
$8.85 + $4.45 $8.85 + $4 $12.85 + 45c Total $ 13.30	$14.55 + $3.85 $14.55 + $3 $17.55 + 85c Total $ 18.40
$22.15 + $6.75 $22.15 + $6 $28.15 + 75c Total $ 28.90	$35.35 + $2.95 $35.35 + $2 $37.35 + 95c Total $ 38.30

You can use a **round-and-adjust strategy** when adding amounts close to a whole dollar. For example, when you see $3.75 + $2.95 *think* $4 + $3 less 30c = $6.70.

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

5 Convert the masses.

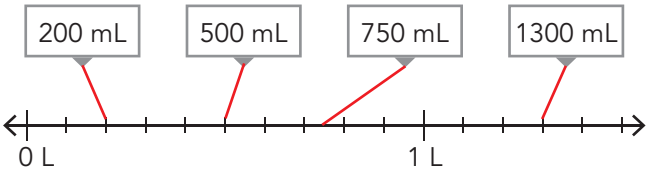
1 kg	1000 g	$\frac{1}{2}$ kg	500 g
3000 g	3 kg	$2\frac{1}{2}$ kg	2500 g
$\frac{1}{4}$ kg	250 g	3250 g	$3\frac{1}{4}$ kg
2500 g	2.5 kg	750 g	$\frac{3}{4}$ kg

6 Complete the timetable to match these times.

- Trains depart Versay every 20 minutes.
- The train to Wright takes 8 minutes.
- The train from Wright to Ivers takes 7 minutes.

Trains from Versay to Ivers				
Versay	12:23	12:43	1:03	1:23
Wright	12:31	12:51	1:11	1:31
Ivers	12:38	12:58	1:18	1:38

7 Draw a line to show where each amount is on the number line.

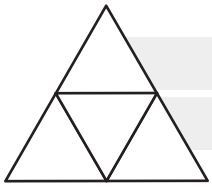


8 Write these amounts in millilitres.

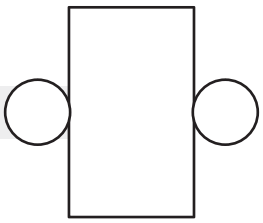
3.4 L is the same as 3400 mL	1.6 L is the same as 1600 mL
0.9 L is the same as 900 mL	2.1 L is the same as 2100 mL

SHAPE

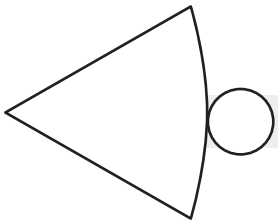
9 Name the 3D object for each net.



(triangular-based) pyramid



cylinder



cone

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

10 Complete the picture graph to show this data.

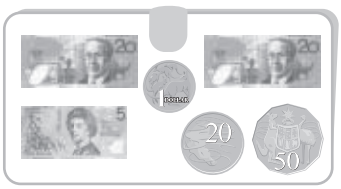
Students	Tally
Eve	𝍸 𝍸 𝍸
Max	𝍸 𝍸 𝍸 𝍸 𝍸 𝍸
Louis	𝍸 𝍸 𝍸 𝍸 𝍸 𝍸 𝍸
Ellis	𝍸 𝍸 𝍸 𝍸
Ruby	𝍸 𝍸 𝍸 𝍸 𝍸

Chocolate Sold in Week 1 ▭▭ = 10 bars

Students					
Eve	▭▭	▭			
Max	▭▭	▭▭	▭▭		
Louis	▭▭	▭▭	▭▭	▭	
Ellis	▭▭	▭▭			
Ruby	▭▭	▭▭	▭		

TESTER

Look at the wallet. What other coins are needed to make $50?



Colour one bubble.

PARENT/CARER SIGNATURE _____ DATE _____

NAME _____

STEP IT UP! REVIEW 1

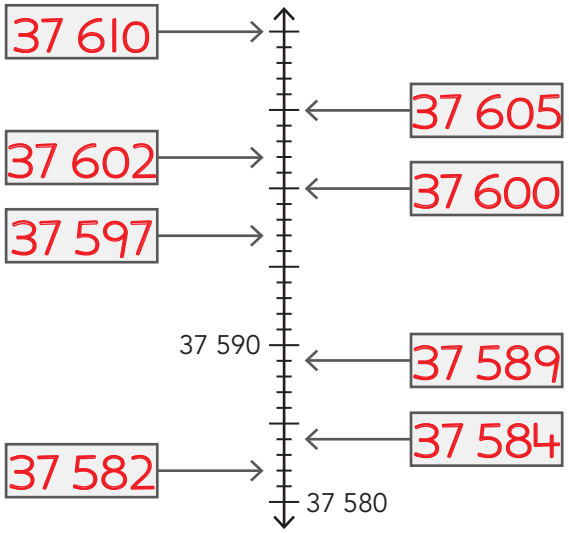
NUMBER & ALGEBRA

NUMBER & PLACE VALUE

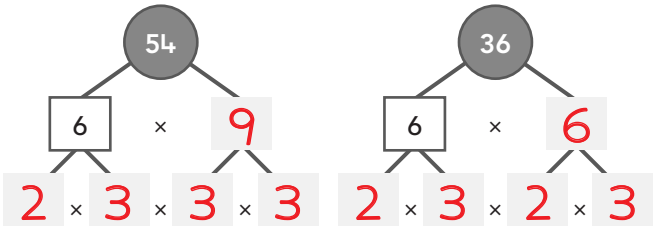
1 Write the numbers more or less.

1 less	65 348	31 598	58 299	29 008
	65 349	31 599	58 300	29 009
10 more	65 359	31 609	58 310	29 019
100 less	60 326	33 925	17 848	11 900
	60 426	34 025	17 948	12 000
1000 more	61 426	35 025	18 948	13 000

2 Write the number in each box.

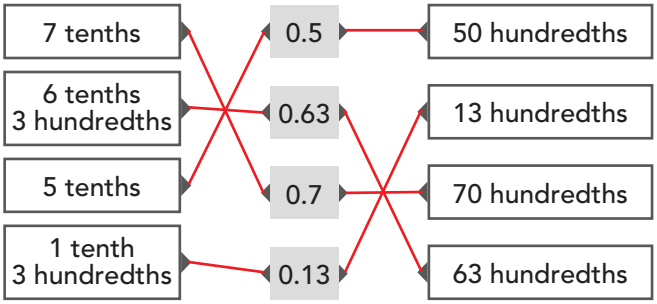


3 Complete these factor trees.



FRACTIONS & DECIMALS

4 Draw lines to match the fractions and decimals.



5 Write the number or number words.

three and thirty-seven hundredths	3.37
one and sixteen-hundredths	1.16
two and fifty-nine hundredths	2.59
six and eleven-hundredths	6.11
two and three-hundredths	2.03
seventeen-hundredths	0.17

MONEY & FINANCIAL MATHEMATICS

6 Calculate the total cost.

PATTERNS & ALGEBRA

7 Write the multiples of the first number to complete these sequences.

3,	6,	9,	12,	15,	18,	21,	24
11,	22,	33,	44,	55,	66,	77,	88
4,	8,	12,	16,	20,	24,	28,	32
7,	14,	21,	28,	35,	42,	49,	56
5,	10,	15,	20,	25,	30,	35,	40
9,	18,	27,	36,	45,	54,	63,	72

✱ Answers will vary. This is one example.

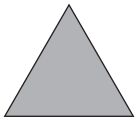
MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

8 Convert these lengths.

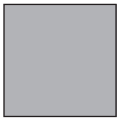
1 cm =	10 mm	1 m =	1000 mm
40 cm =	400 mm	135 mm =	13.5 cm
850 mm =	85 cm	50 mm =	5 cm

9 In each shape, all sides are equal. Calculate the perimeter or side length.



The perimeter = 48 cm

Length of one side = 16 cm



The perimeter = 960 cm

Length of one side = 240 cm

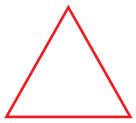
10 Show the time on the clocks.

11 Make these conversions.

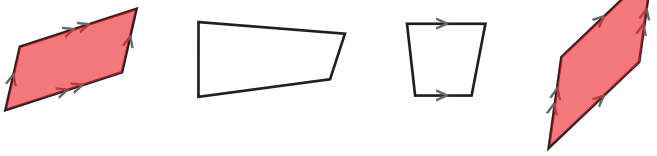
1400 mL is the same as 1.4 L	400 mL is the same as 0.4 L	2500 mL is the same as 2.5 L

SHAPE

12 Draw each triangle. ✱

equilateral	isosceles	scalene
		

13 Shade the parallelograms.

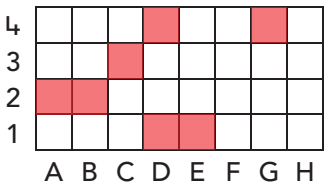


LOCATION & TRANSFORMATION

14 Shade these squares.

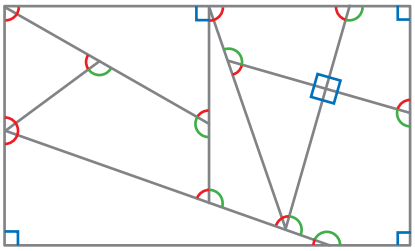
D 4 E 1 C 3 A 2

D 1 G 4 B 2



GEOMETRIC REASONING

16 Use different colours to label the different types of angles. Then record the number of each type.



Acute = 16

Right = 8

Obtuse = 8

STATISTICS & PROBABILITY

CHANCE

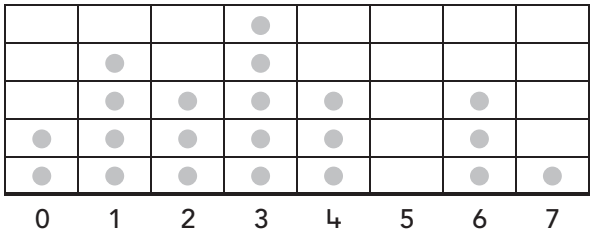
17 Choose and copy a label to describe each event. ✱

slim chance | no chance | 50 / 50 | good chance | definite

Bus breaking down tomorrow.	slim chance
Sun rising in the west.	no chance
Roll a dice and land on an even number.	50 / 50
You will look in a mirror today.	good chance
The bell will ring at school.	definite
The computer will start up.	good chance

DATA REPRESENTATION & INTERPRETATION

18 Look at this dot plot.



Number of Awards Received by Year 5 Students

a. How many students received 3 awards? 5

b. How many students are in this class? 21

c. How many students received more than 3 awards? 7

d. How many students received fewer than 4 awards? 14