

ORIGO STEPPING STONES

CORE MATHEMATICS



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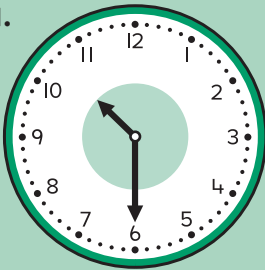
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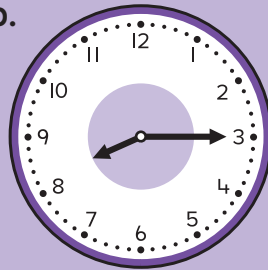
Stacey Lawson

1. Write the time or draw clock hands to match.

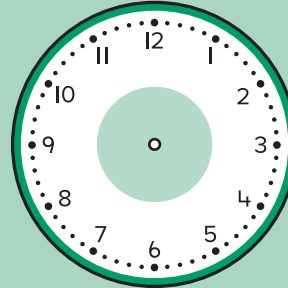
a.



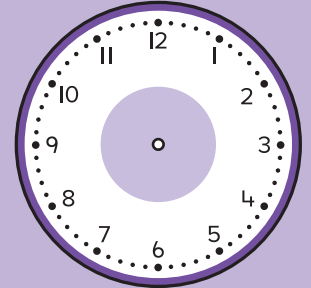
b.



c.



d.

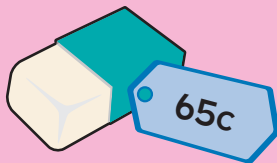


2. Draw coins to show two different ways to pay for each item. Use exact amounts.

a.



b.



3. Complete the missing parts.

a.

5 hundreds

1 ten

7 ones



b.



240

DINNER TIME

Help the fly reach the rubbish bin safely.

- ★ For each of these, write an addition fact that will help you work out the subtraction fact. Then write the answer and colour the plates that show even subtraction fact answers to show the safest path to the rubbish bin.



$$4 - 2 = \square$$
$$\square + \square = \square$$

$$9 - 2 = \square$$
$$\square + \square = \square$$

$$6 - 5 = \square$$
$$\square + \square = \square$$

$$8 - 4 = \square$$
$$\square + \square = \square$$

$$7 - 5 = \square$$
$$\square + \square = \square$$

$$6 - 3 = \square$$
$$\square + \square = \square$$

$$9 - 5 = \square$$
$$\square + \square = \square$$

$$7 - 6 = \square$$
$$\square + \square = \square$$

$$6 - 2 = \square$$
$$\square + \square = \square$$

$$7 - 2 = \square$$
$$\square + \square = \square$$

$$5 - 2 = \square$$
$$\square + \square = \square$$

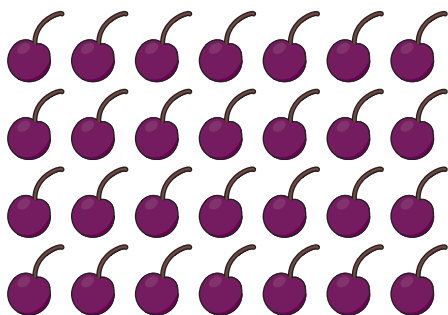
$$8 - 6 = \square$$
$$\square + \square = \square$$





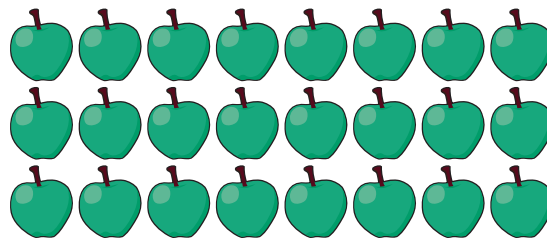
1. Loop the fraction then complete the sentence.

a.





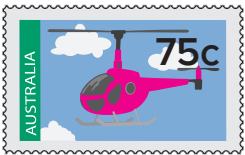



One-quarter of 28 is .

b.



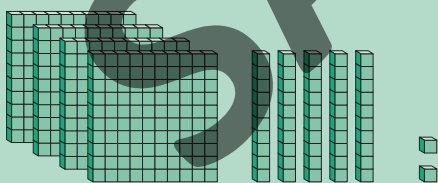
One-eighth of 24 is .

2. Draw the coins you would receive as change.

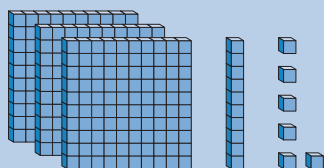
Price	Amount you pay	Change you receive
a. 		
b. 	  	

3. Write the matching number on the expander and in words.

a.

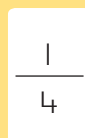
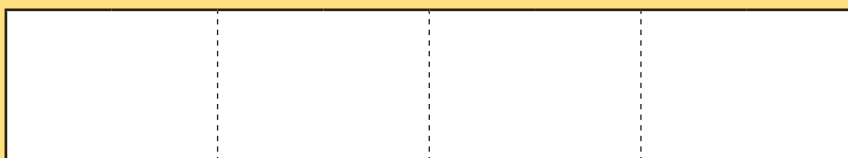


b.



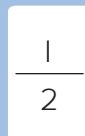
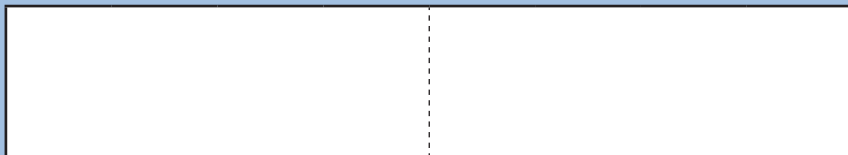
1. Colour each rectangle to match the fraction.

a.



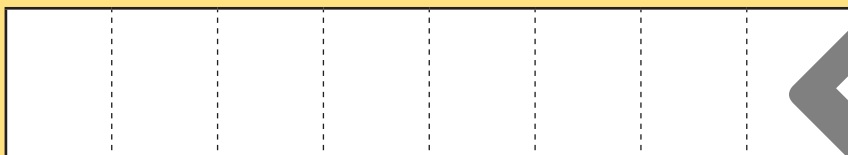
part of
equal parts

b.



part of
equal parts

c.



part of
equal parts

2. Estimate the **difference** between these lengths.
Then write a number sentence to show your thinking.

a.



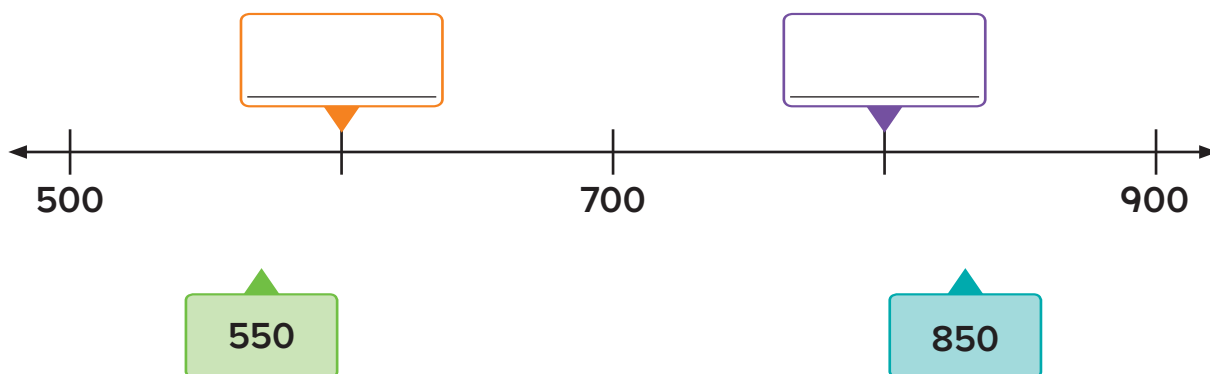
The difference is about _____ cm.

b.



The difference is about _____ cm.

3. Write the numerals that should be in the boxes above the number line. Then draw a line from each box below the number line to show that numeral's position.



DIGGING DIRT

- ★ Work out each of these and draw a straight line to the correct answer.
The line will pass through a number and a letter. Write the letter above its matching number at the bottom of the page. Some answers are used more than once. The first one has been done for you.

Answers

Maths

17 - 9

7 + 8

3 + 9

7 + 2

5 + 1

9 - 5

15 - 8

12 - 3

12 - 8

4 + 9

6

11

8

15

7

12

9

13

5

4

9 + 6

11 - 5

6 + 2

4 + 7

8 + 5

12 - 5

16 - 7

14 - 9

5 + 7

13 - 8

t

o

r

23

27

35

22

24

36

30

32

25

20

e

v

34

s

31

e

39

26

a

29

a

m

28

e

21

y

37

38

n

A number line starting at 20 and ending at 39. Each integer is represented by a box with a horizontal line underneath. The number 23 is marked with a tick and the number 23 written below it.

1. Split each number into hundreds, tens and ones. There is more than one way.

a.

375

is the same as

3 hundreds, 7 tens and 5 ones

b.

215

is the same as

___ hundreds, ___ tens and ___ ones

c.

836

is the same as

___ hundreds, ___ tens and ___ ones

d.

409

is the same as

___ hundreds, ___ tens and ___ ones

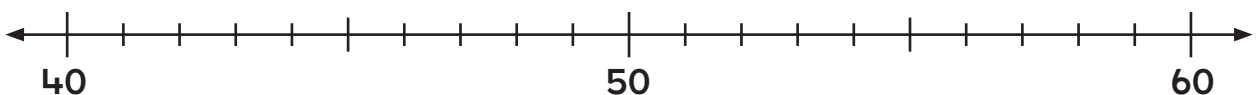
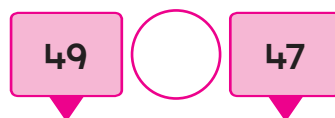
2. Write a number sentence to show how you solve each problem.
You can use the number line to help.



a. Noah jumped 64 cm.
Fiza jumped 17 cm less than Noah.
How far did Fiza jump?

b. Yuki jumped 47 cm.
This was 18 cm less than Olivia.
How far did Olivia jump?

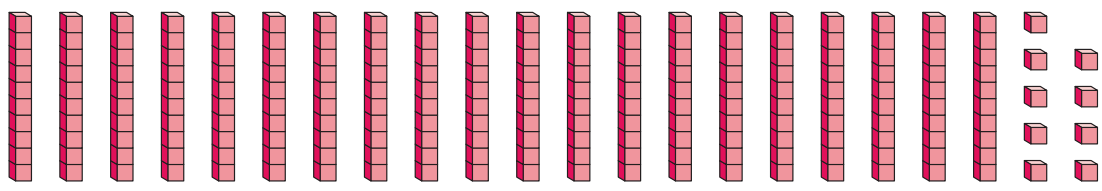
3. Draw a line to join each numeral to its position on the number line.
Then write < or > in each circle to describe each pair of numerals.





1. Loop tens and ones blocks to match. Then complete the expander.

1	hundreds	8	tens	6	ones			tens		ones
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2. Some Year 3 students voted for their favourite superhero.

Favourite Superhero

= 1 vote

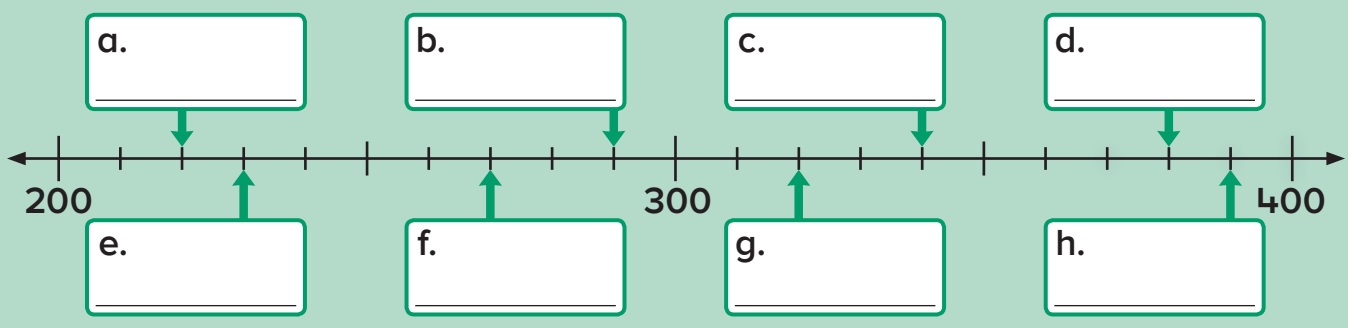
Marvel Girl								
Ironman								
Spiderman								
Invisible Woman								

a. Who is the most popular superhero?

b. What is the difference between the number of votes for Invisible Woman and Ironman?

c. students voted altogether.

3. Write the numeral that should be in the position shown by each arrow. Think carefully before you write.



WAKE UP!

How long does it take sunlight to reach the Earth?

- ★ Work out each of these and draw a straight line to the correct answer.
The line will pass through a letter. Write the letter in the space below the answer.

39 - 26 45 + 45

51 - 20 65 - 29

65 - 21 47 + 32

23 + 23 55 - 18

20 + 43 78 - 10

18 + 37 26 + 39

Letters: s, i, u, e, t, n, g, h, t, i, e, m

65	79	37	63	31	55	90	68	46	36	44	13
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

1. This table shows amounts raised by Years 2 and 3.

Year	Week				
	One	Two	Three	Four	Five
2	\$146	\$175	\$206	\$217	\$105
3	\$158	\$195	\$132	\$149	\$291

a. Write the amounts that are **less than** \$150.

b. Write the amounts raised by Year 3 in order from **least to greatest**.

c. Write the amounts raised by Year 2 in order from **greatest to least**.

2. Write **possible** or **impossible** to describe your chance of doing these activities.

a. eat seafood tonight	<input type="text"/>
b. grow wings	<input type="text"/>
c. drive a car	<input type="text"/>
d. visit a zoo	<input type="text"/>

3. a. Round each number to the nearest **ten**.

254	<input type="text"/>	676	<input type="text"/>	912	<input type="text"/>
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b. Round each number to the nearest **hundred**.

759	<input type="text"/>	149	<input type="text"/>	351	<input type="text"/>
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1. Write each time two different ways.

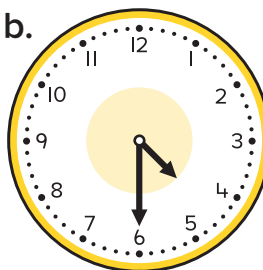
a.



quarter past _____

_____ minutes past _____

b.



half past _____

_____ minutes past _____

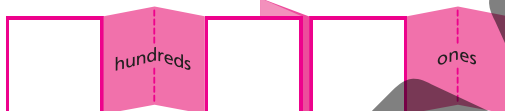
2. Complete the missing parts.

a.

4 ones

8 hundreds

2 tens



b.

2 hundreds

9 tens

5 ones

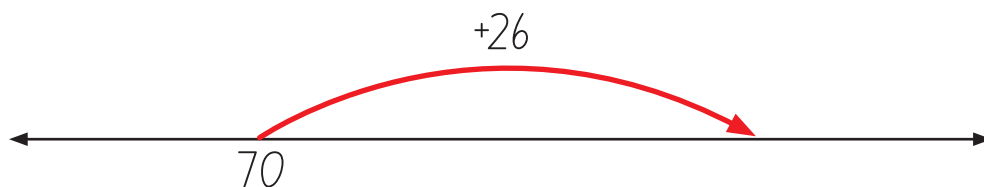


3. Round one number to the nearest ten. Then estimate the total.
Draw jumps on the number line to show your thinking.

a.

$$69 + 26$$

Estimate _____



b.

$$45 + 78$$

Estimate _____

