

Ma

YEAR
3

LEVELS
2–3

TEST
3a

Mathematics

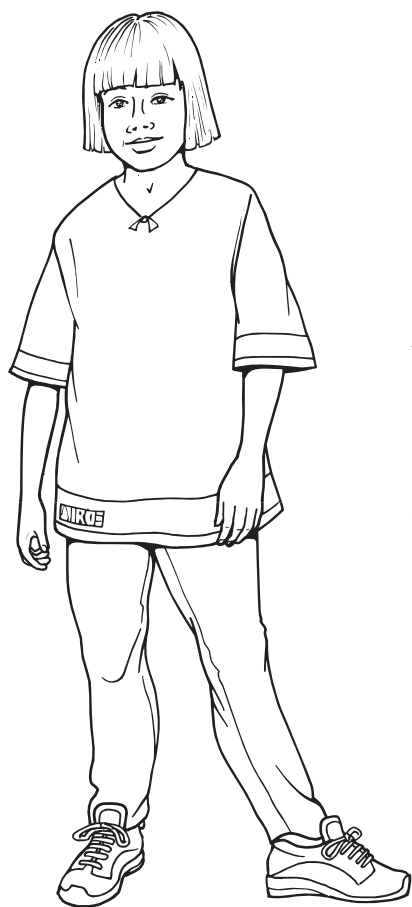
Test 3a



Name

Date

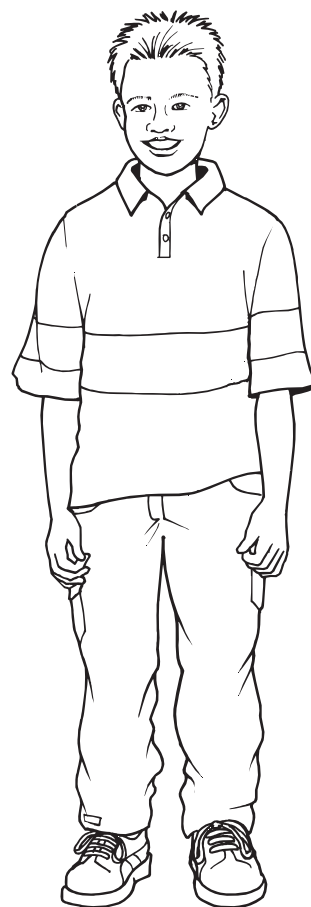
Total marks



Katie



Mina



Ben

Getting started



This shows you where you need to put each answer.

Some questions have an answer box like this:



Show how
you work
it out.

For these questions you may get a mark for showing your working.

Practice question

Calculate **21 + 14**



1Calculate **42 + 16**

--

1

2**One** of these numbers does **not** belong in this set.Cross (✕) out the number that does **not** belong.

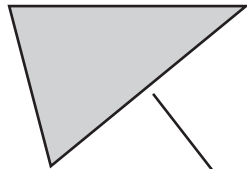
odd numbers
15
21
9
12
17

2

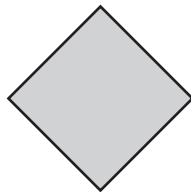
3

Match each shape to its name.

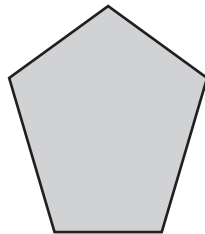
One is done for you.



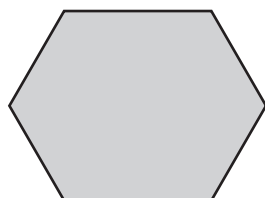
hexagon



square



triangle

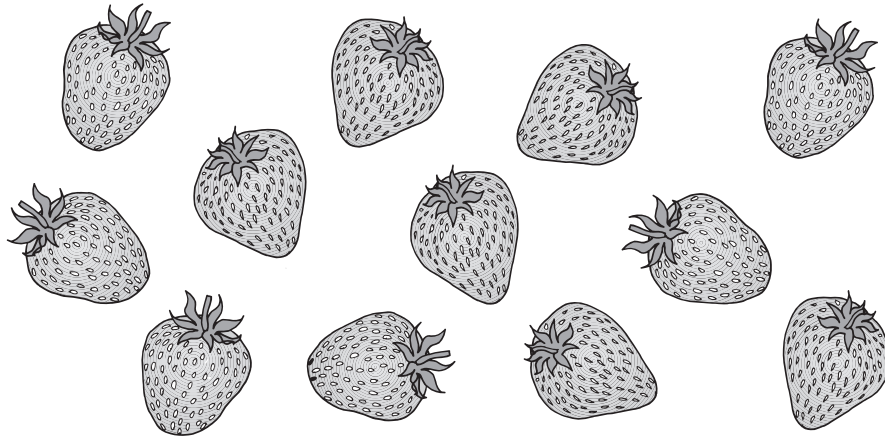


pentagon

4

Some children share 12 strawberries.

Each child gets 3 strawberries.



How many children are there?



children

4

5

Ben wants to buy a packet of biscuits.

He gives the shopkeeper **65p**

The shopkeeper says,



'You need 25p more to buy the biscuits.'

How much do the biscuits cost?



p

5

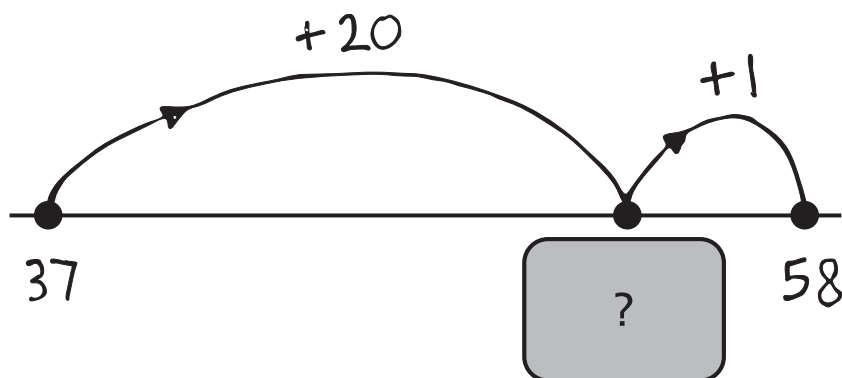
6

Calculate $47 - 25$ 

6

7

Katie drew a number line to help her find the answer to $37 + 21$



What number is hidden under the card?




















7

8

Some children in Class 4 are in a club.

This table shows the club they are in.



club	number of children
recorder	        
chess	  
computer	    

How many **more** children go to recorder than chess?

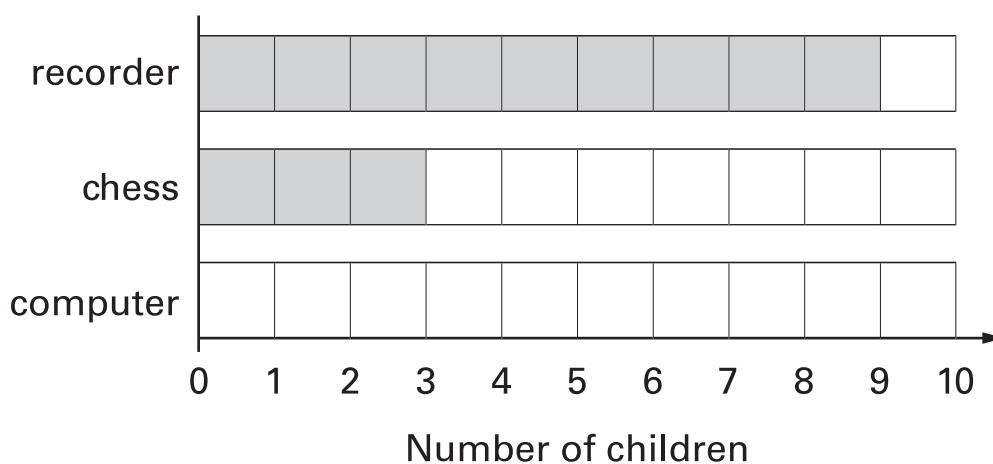


children

This graph should show the same **data** as the table.

Shade in the correct number of blocks for **computer club**.

The club we are in



9

Two of these numbers **round to 80**Circle the **two** numbers.

74

82

77

85

9

10

Write the missing numbers in the **two** empty boxes.

is 10 less than



49



59



33



10a



10

10b

11

Write each word in the correct box.

faces

edges

vertices



A cube has

6

8

12

12

Write in the missing digits.



3	
---	--

+

	5
--	---

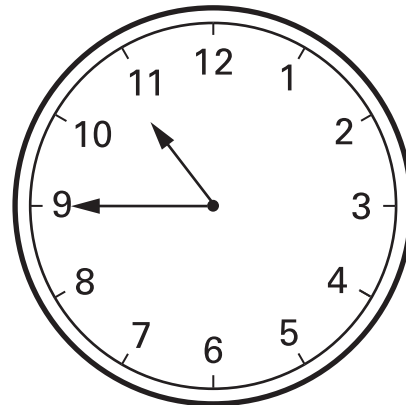
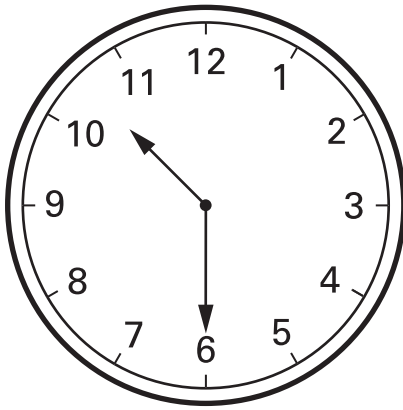
=

1	0	0
---	---	---

13

Two clocks show the same time.

Tick (✓) them.



14

Mina and Ben play a game.

Mina scores **70** points.

Ben scores **42** points.



How many **more** points does Mina score than Ben?



points

14

15

Write these numbers in order.

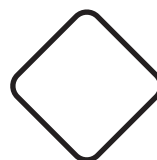
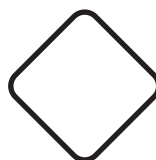
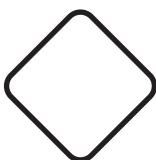
164

146

106

160

140



smallest

largest

15

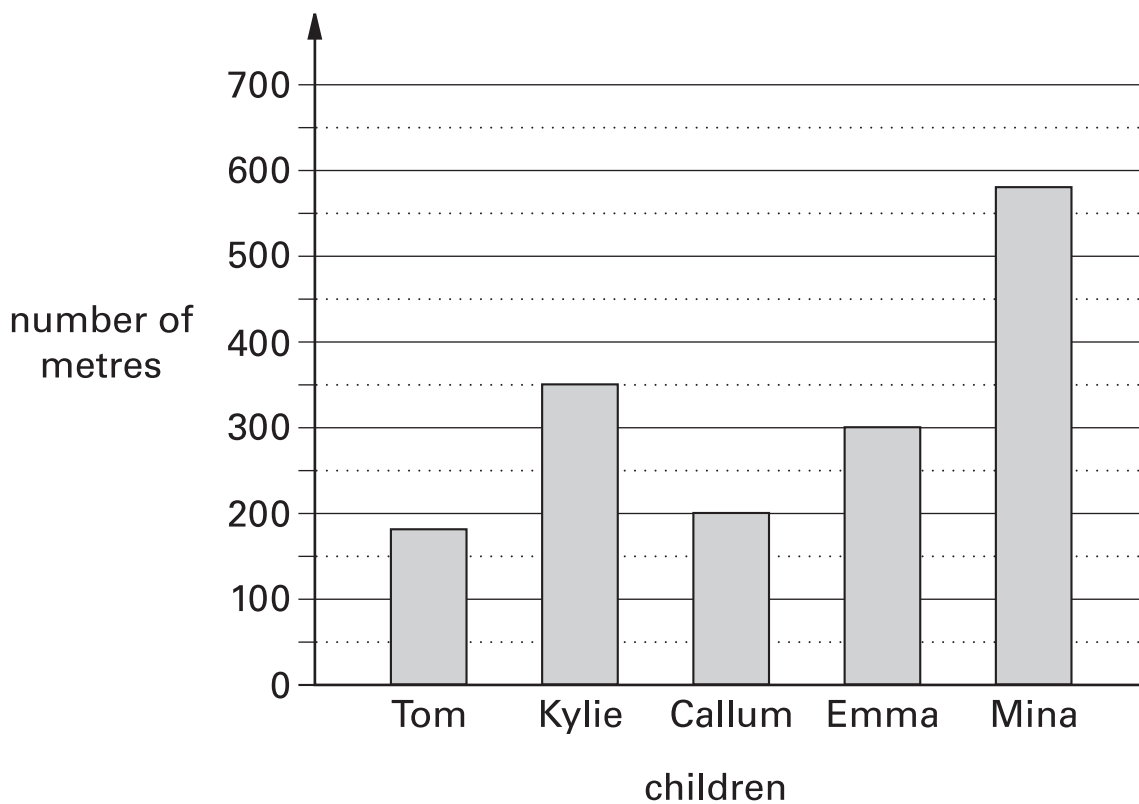
16

Calculate 13×3 

16

17

This graph shows the distance some children walk to school.

Who walks **between** 300 and 400 metres to school?

.....

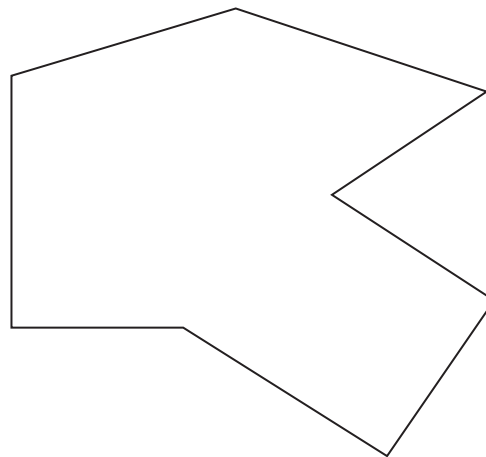
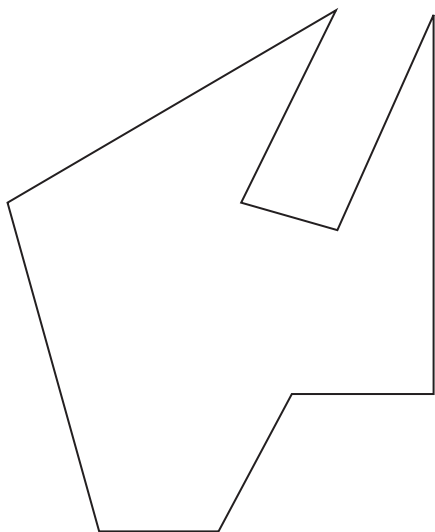
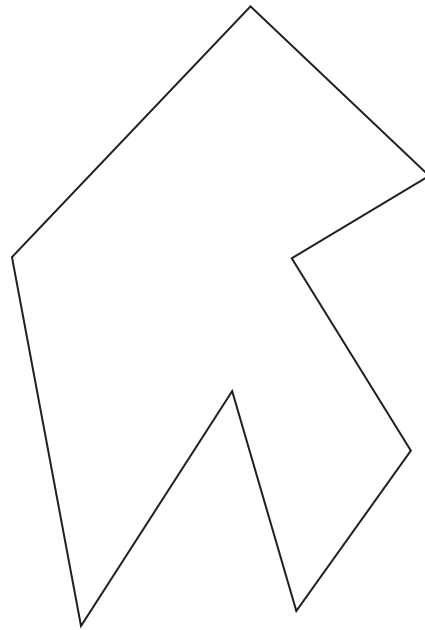
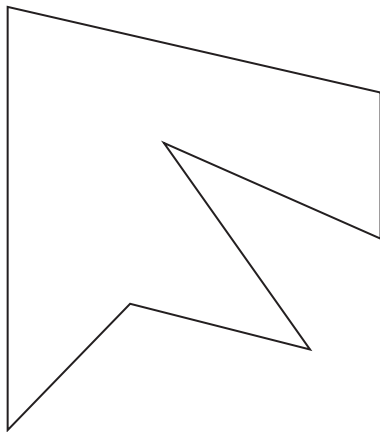
17

18

Here are some shapes.

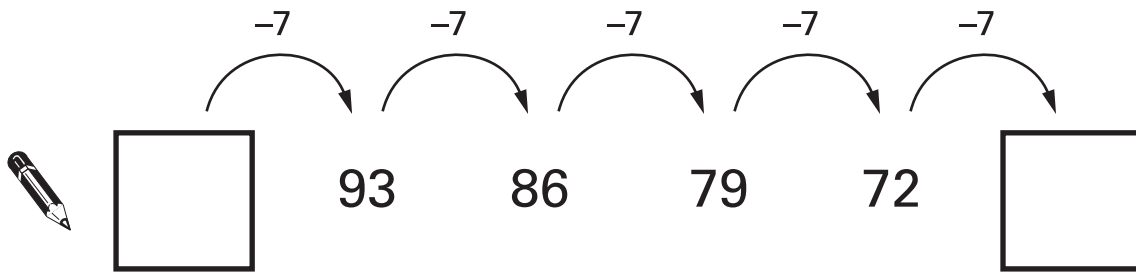
Two of the shapes are **octagons**.

Put a tick (✓) on them.



19

Write the two missing numbers in this sequence.

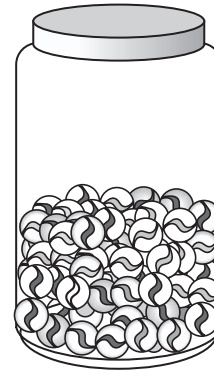


19

20

Mina has **76** marbles in a jar.

The jar is about **half full**.



Estimate how many marbles Mina will have when the jar is **full**.

Circle the best estimate.



75

100

125

150

175

20

21

Measure this line.

Use a ruler.



cm

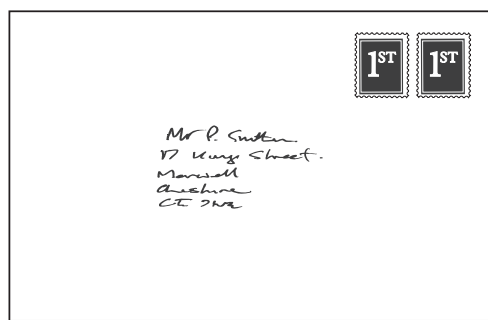
21

22

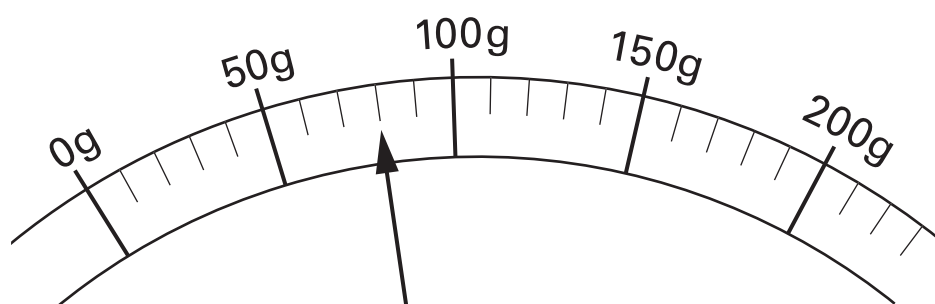
Complete the table.

shape	number of right angles
	
	

22



Here is a scale which shows the weight of a letter.



How much does the letter weigh?



grams

24

The letter **D** has a line of symmetry.

Tick (✓) **all** the other letters that have a line of symmetry.

D**M****E****S****N**
☒
☐
☐
☐
☐

24

25

Katie has these digit cards.

She makes different **2-digit** numbers with them.

5

7

2

Write **all** the **2-digit** numbers Katie can make with them.




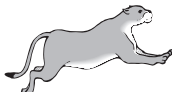
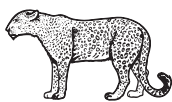


25 i

25 ii

60 children visit the zoo.

They each vote for their favourite big cat.

favourite big cat	number of children
cheetah 	7
lion 	22
tiger 	13
panther 	
leopard 	10
total	60

Complete the table.

Now look at each sentence below.

Put a tick (✓) if it is **true**.

Put a cross (✗) if it is **not true**.



Nine more children voted for the lion than for the leopard.

☐

The lion was more popular than the tiger.

☐

$\frac{1}{4}$ of the children voted for the tiger.

☐

27

Ben saved **twenty-four** 10p coins and **ten** 20p coins.

How much money has Ben saved?



Show how
you work
it out.



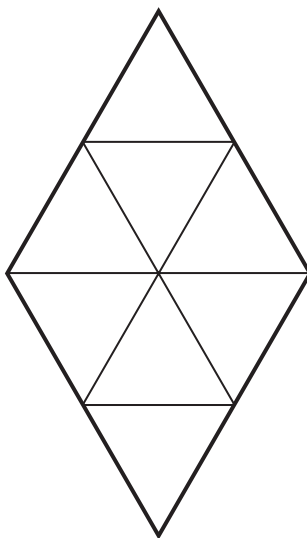
£

27i

27ii

28

Shade $\frac{1}{4}$ of this shape.



28

29

Write in the missing number.



$$120 + \boxed{} + 70 = 500$$

29

30

Circle the **two** fractions that have the same value.

$$\frac{2}{10}$$

$$\frac{1}{3}$$

$$\frac{1}{2}$$

$$\frac{5}{10}$$

$$\frac{1}{4}$$

30

End of test

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