

# Key Stage 1

## SATs style Reasoning Test

### Oral Questions and Answers

#### Oral Questions

**Practice question**

How many butterflies are there?

**Question 1**

What number is 1 less than 32?

**Question 2**

How many tens are there in 74?

**Question 3**

Here is a jug of milk.

What is the capacity of the jug?

⇒ 3 kilograms

⇒ 3 metres

⇒ 3 litres

⇒ 3 degrees Celcius

Circle the capacity of the bottle.

**Question 4**

Kendra has a pizza.

She cuts the pizza into halves.

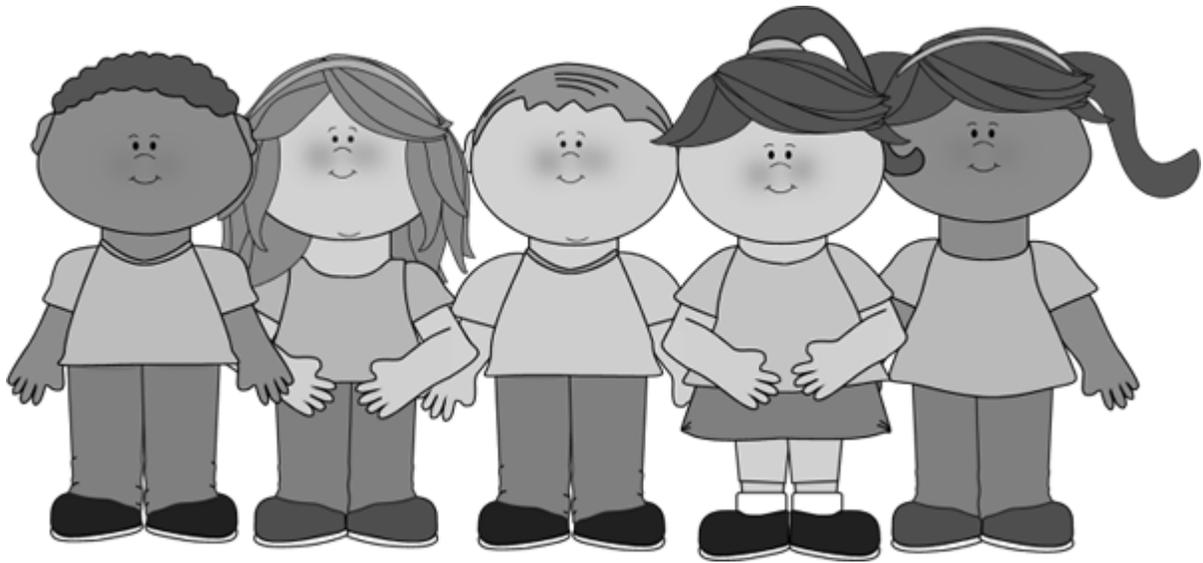
How many pieces of pizza does she have now?

**Question 5**

Alice's bat is 90 centimetres long.

Jaman's bat is 80 centimetres long.

How much **longer** is Alice's bat than Jaman's bat?



Jaman

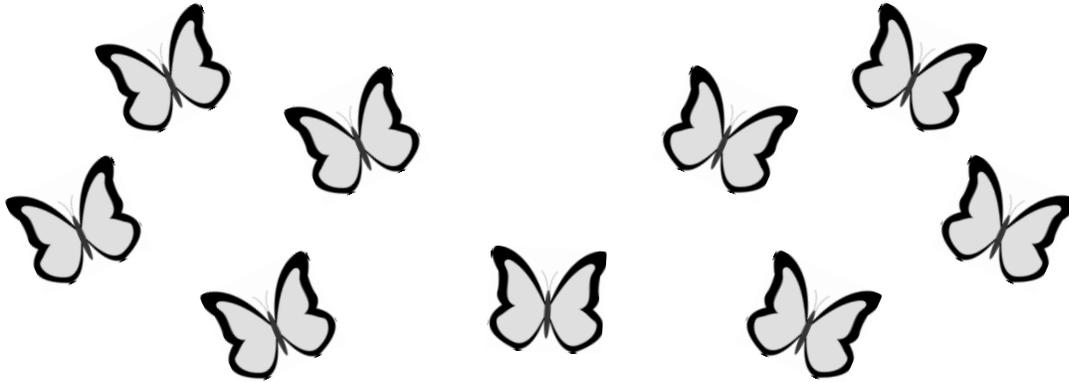
Kendra

John

Alice

Anika

Practice question



9 butterflies

1

31

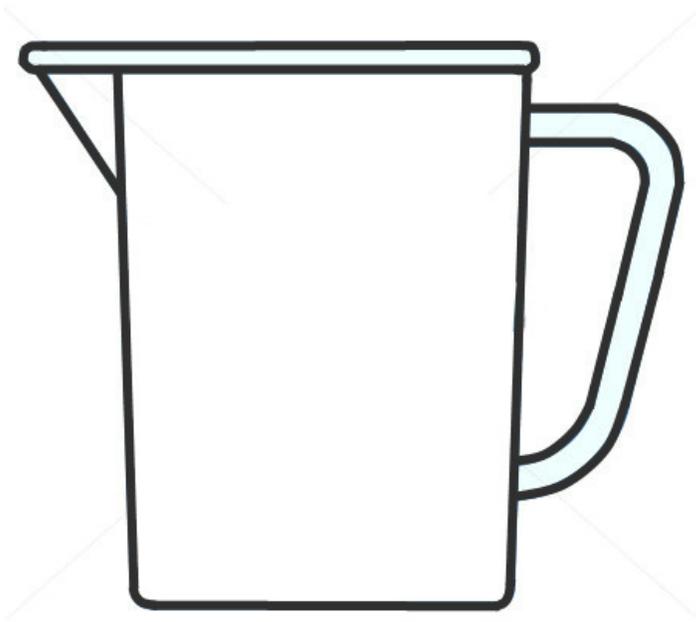
1

2

7 tens

1

3



3kg

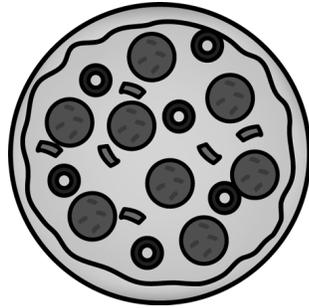
3m

3l

3°C

1

4



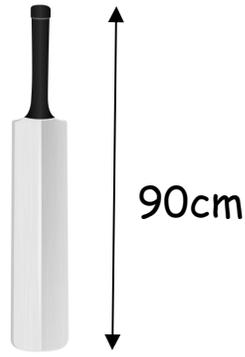
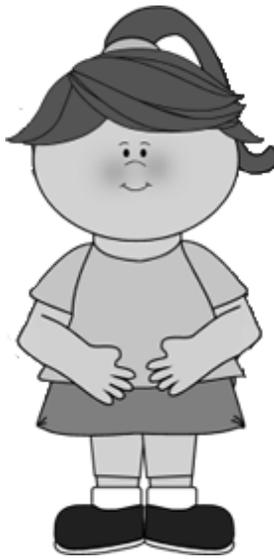
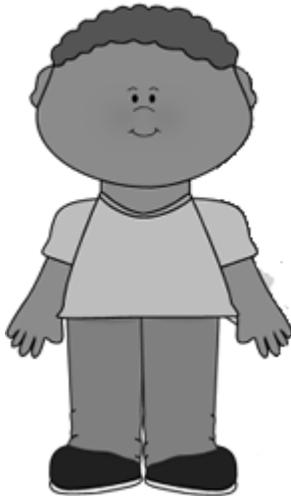
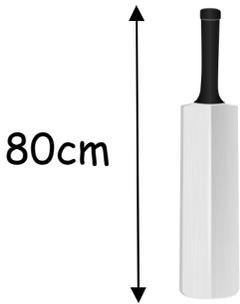
2 pieces of pizza

1

5

Jaman

Alice



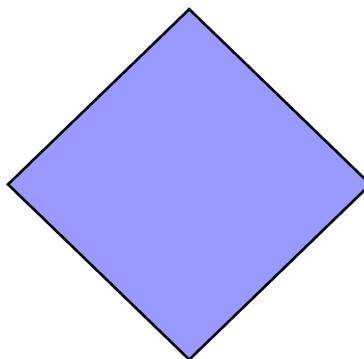
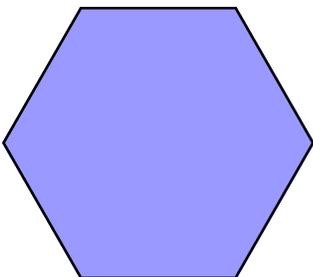
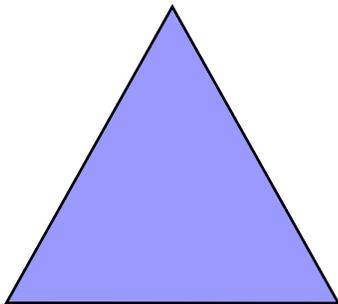
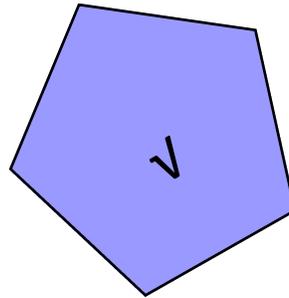
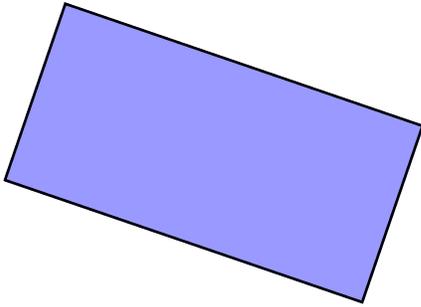
10 cm

1

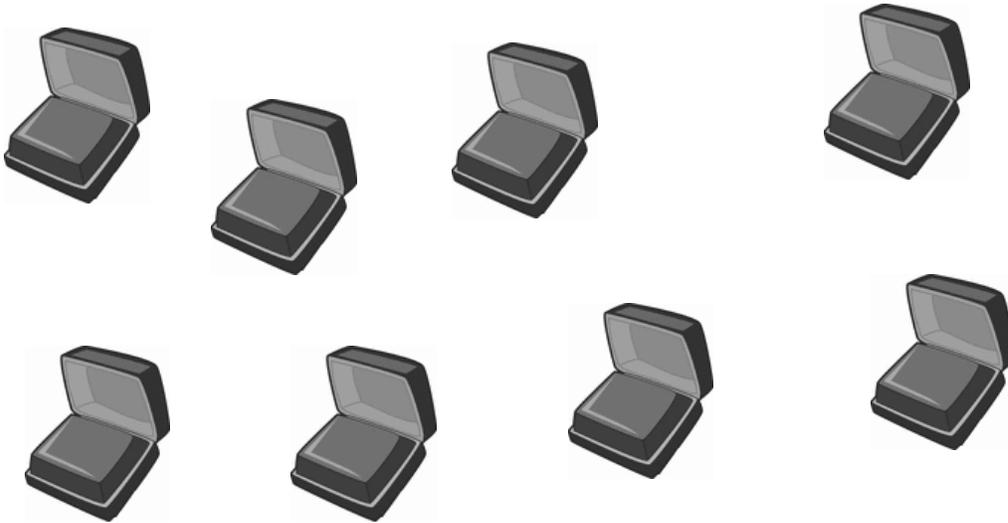
6

Look at the shapes.

Tick the pentagon.



7



Kendra puts 2 earrings in each of these boxes.

How many earrings altogether?

16 earrings

1

8

Complete the table.

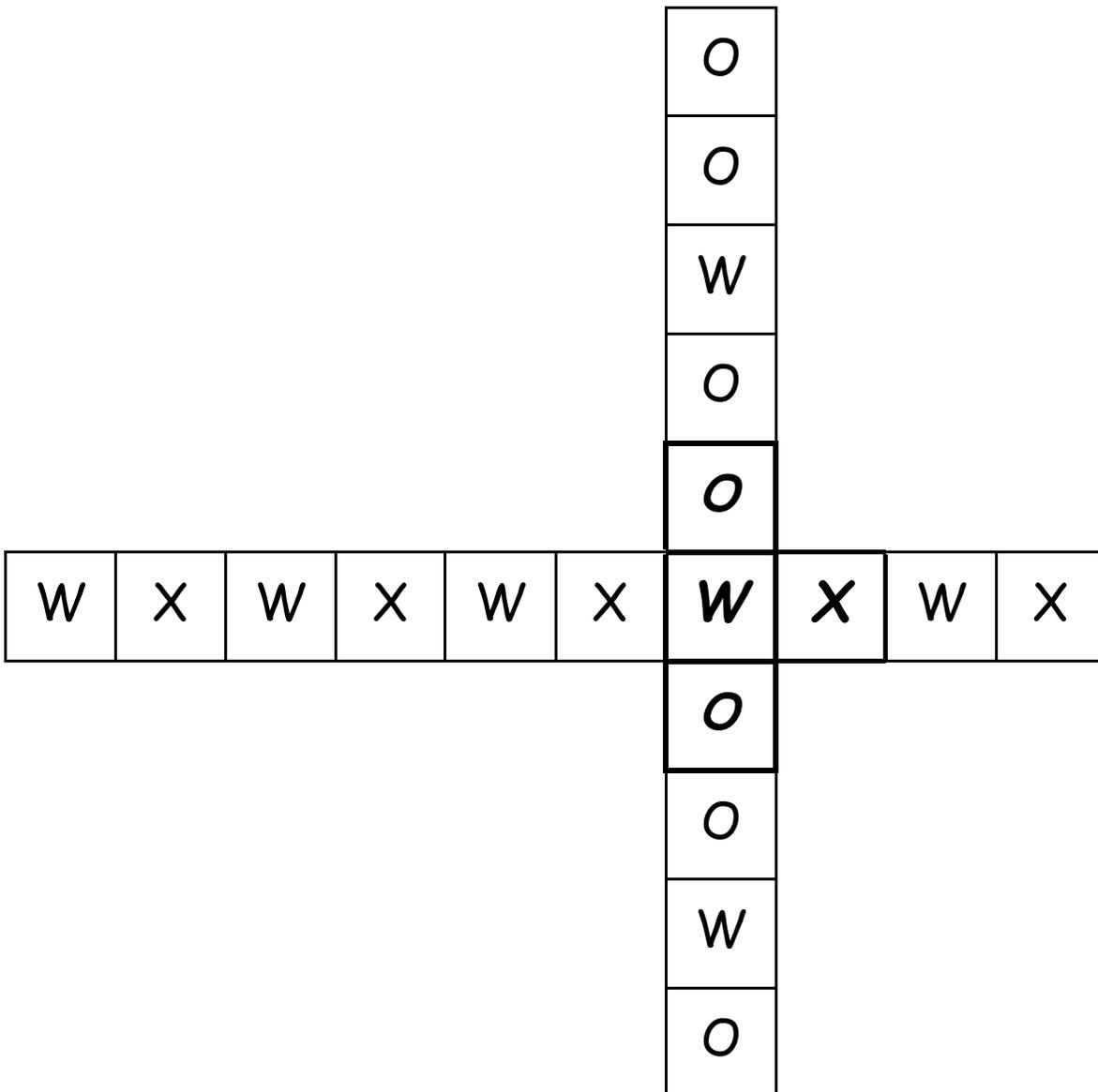
words	digits
twenty-six	26
sixty	<b>60</b>
<b>seventy-five</b>	75

1

9

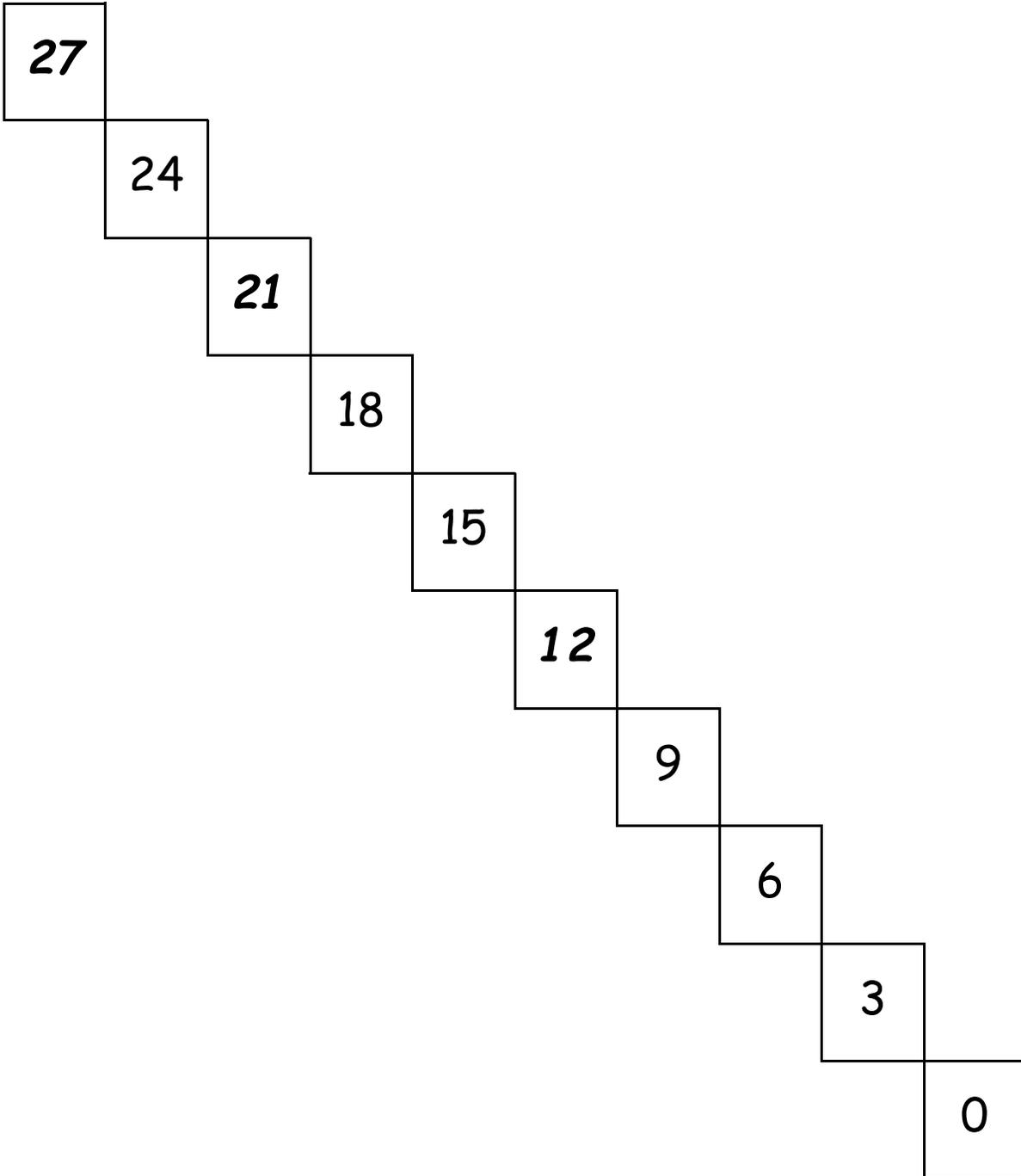
Here are two shape patterns.

Draw a shape in each empty box to make the pattern correct.



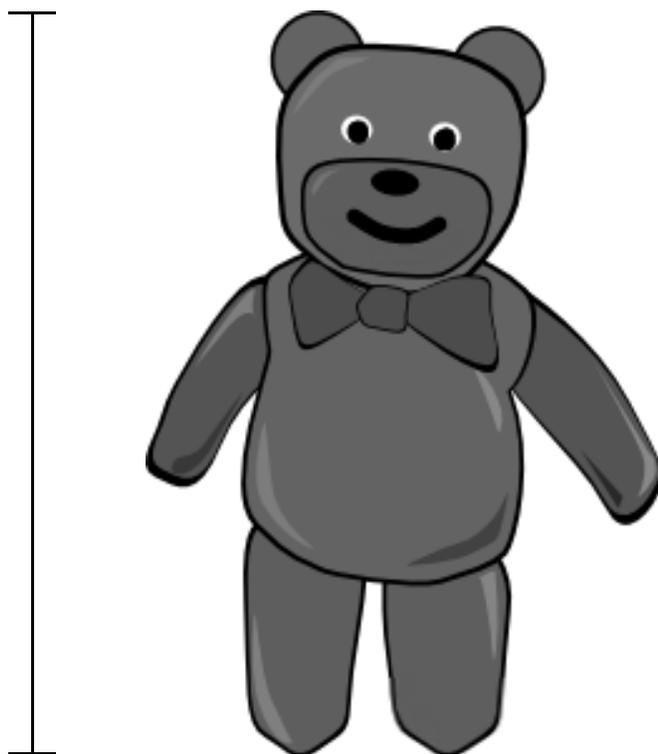
10

Write the three missing numbers in this pattern.



**11**

Use a ruler to measure the height of the teddy.



9 cm

Accept answers in the range:  
 $9\frac{1}{2}$  to  $10\frac{1}{2}$  inclusive.

1

**12**

Write the numbers in the correct part of the table.

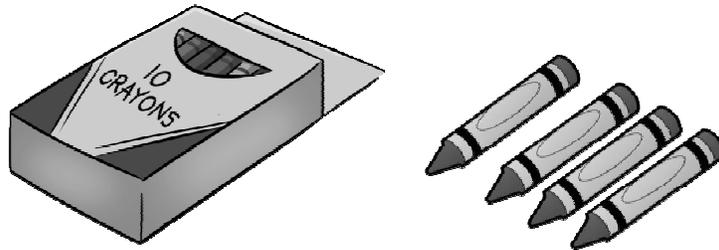
67      31      82      99  
 68      73      24      46

Odd numbers	Even numbers
67 31 99 73	82 68 24 46

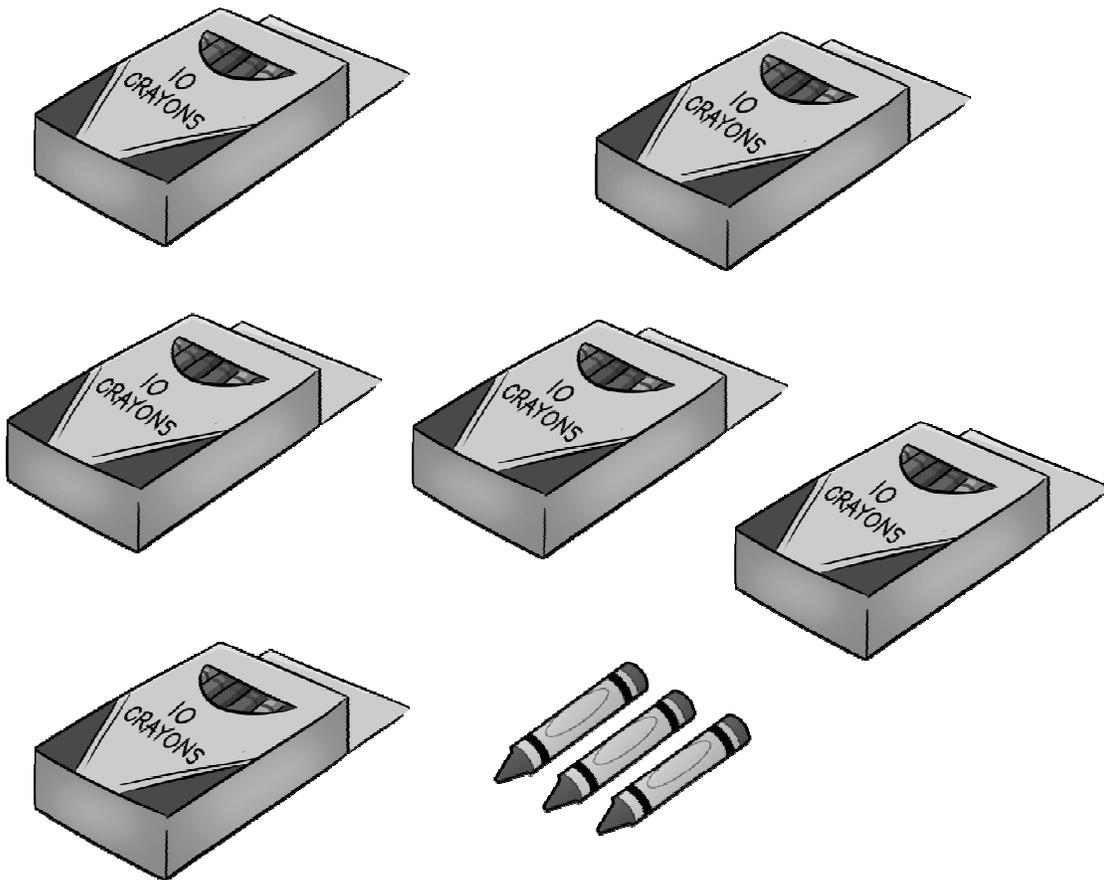
1

13

John has 14 crayons.



Here are Anika's crayons.  
How many crayons does Anika have?

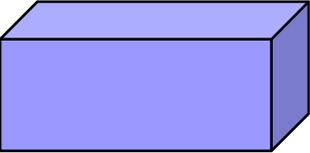
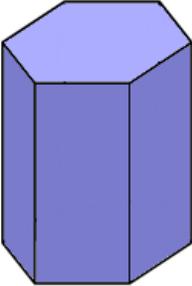
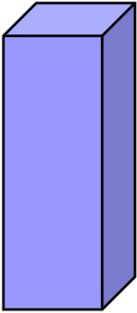
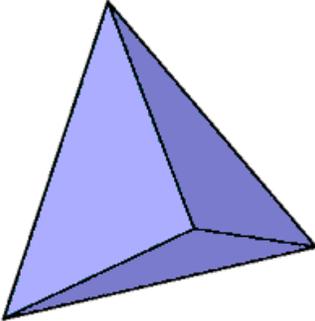
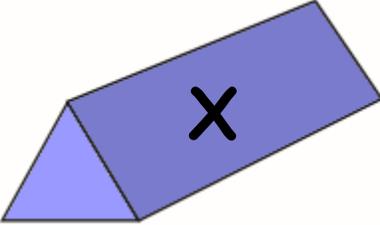


63 crayons

14

One shape is in the **wrong** place on the sorting grid.

Draw an (X) on it.

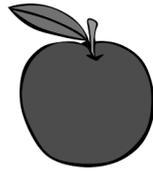
Shapes with a rectangular face	Shapes without a rectangular face
  	 

15

A shop sells these fruits.



10p



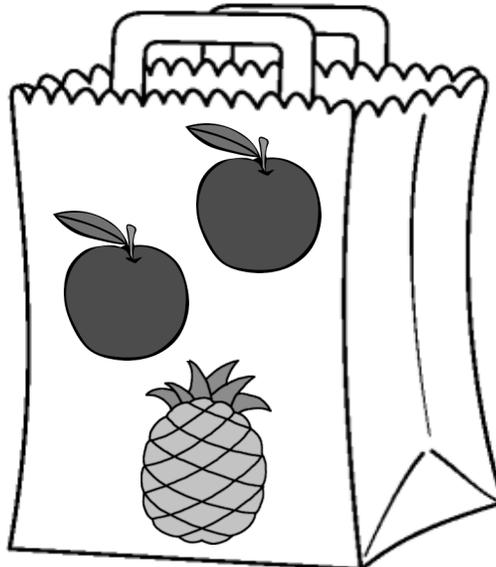
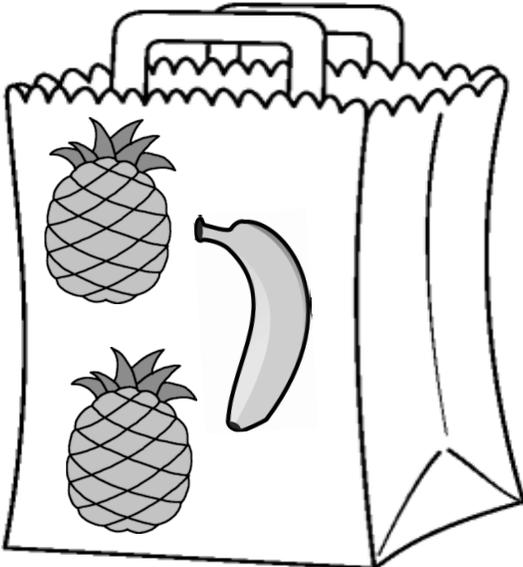
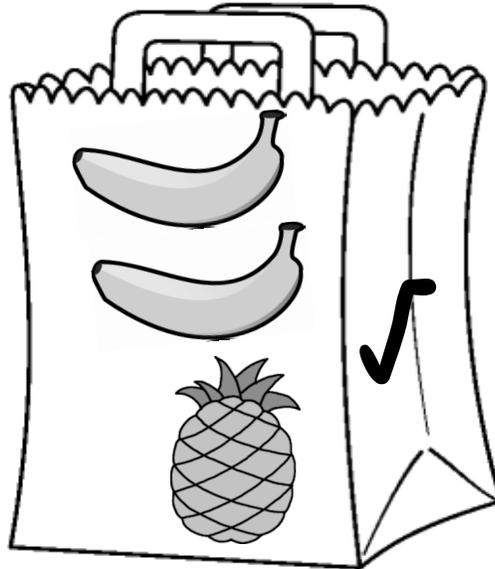
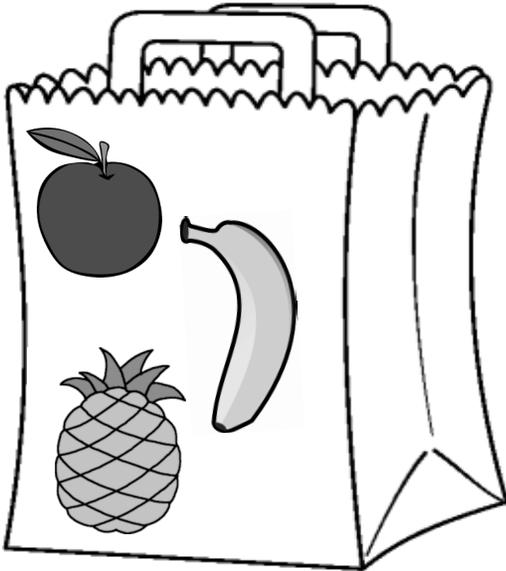
5p



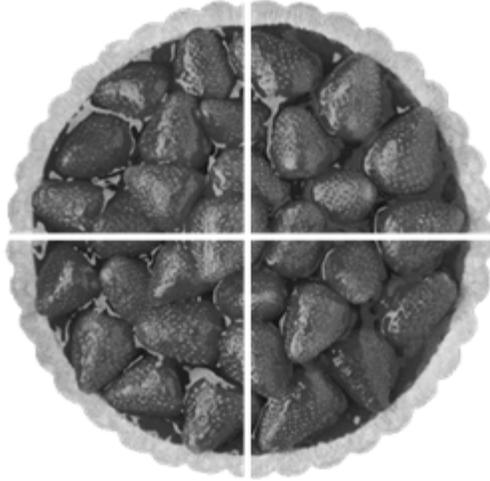
3p

Jaman spends exactly 16p on fruit.

Tick (✓) the bag of fruit he buys.



16



Kendra cuts a strawberry tart into **four** equal slices.

She eats **one** slice.

What fraction of the strawberry tart does she eat?

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

1

17

Kendra is collecting marbles.

She wants to collect **100** marbles altogether.

Last month she collected **60** marbles.

This month she collects **30** marbles.

How many more **marbles** does she need?

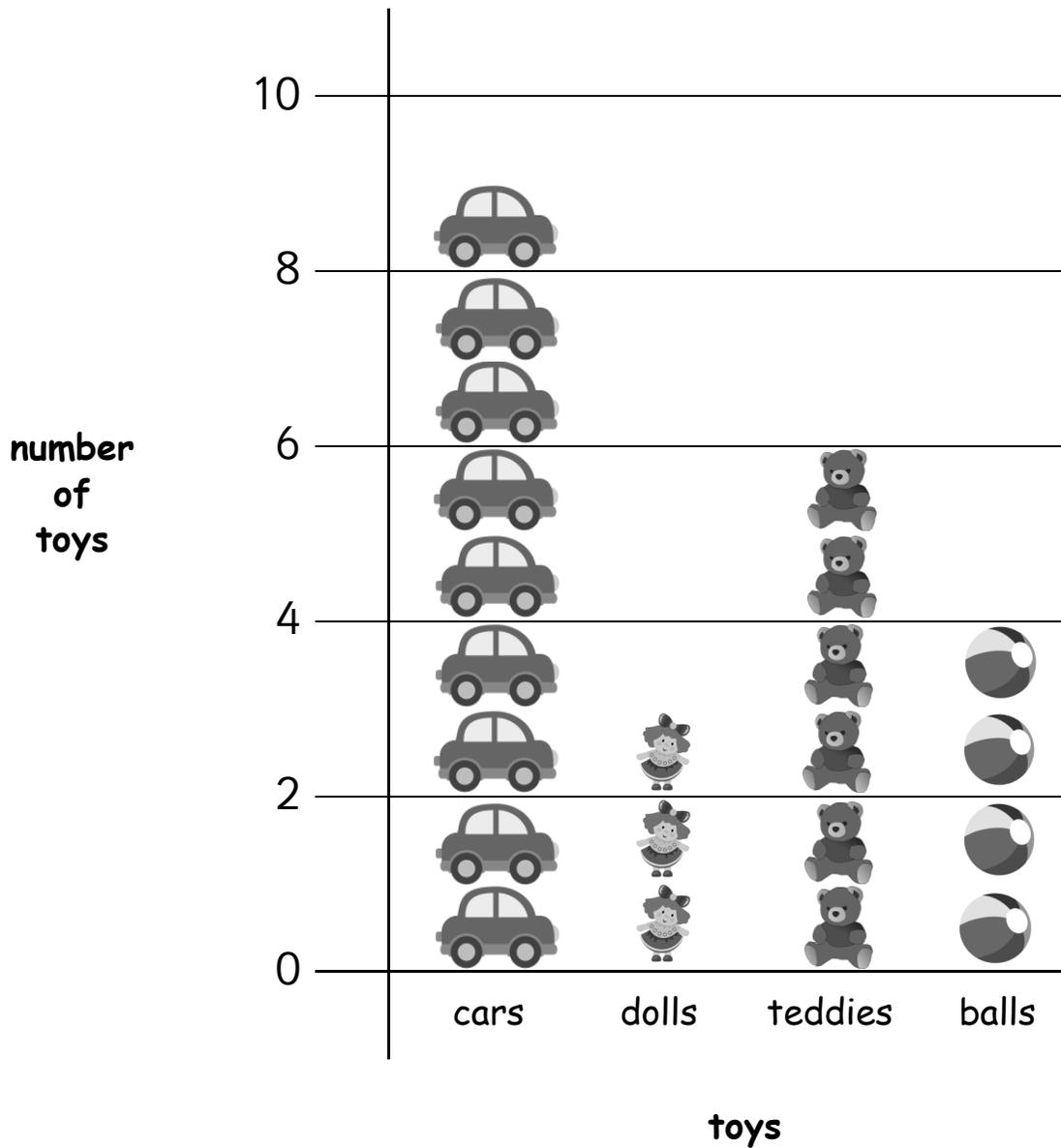


10 marbles

1

18

This graph show the number of toys in a toy box.



a) How many cars and balls are there altogether?

13 toys

1

b) There are more teddies than dolls. How many more?

3

1

19

Alice buys a lollipop for 80p



a) Tick (✓) **three** coins to show how Alice can make 80p.



1

b) Tick (✓) **four** coins to show another way to make 80p.

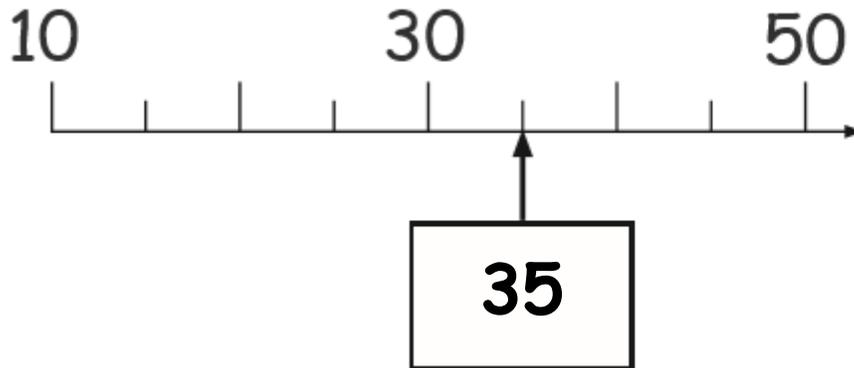


1

20

Look at the number line.

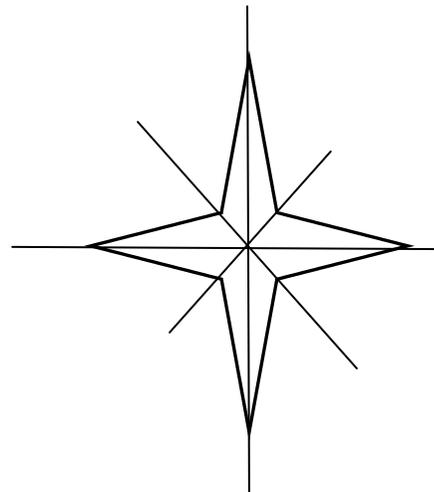
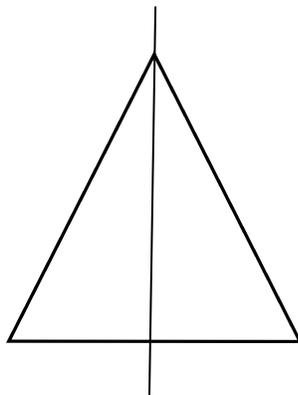
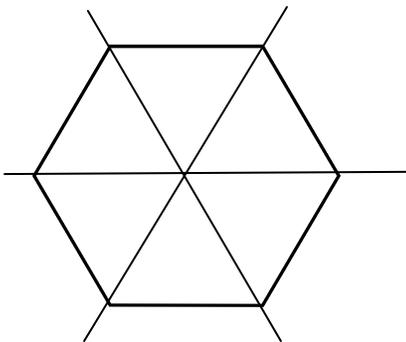
Write the correct number in the box.



1

21

Draw a line of symmetry on each of these shapes.



Any of the lines shown above.

1

22

Anika collects **3** rows of eggs.

There are **4** eggs in each row.

Alice breaks **3** of Anika's eggs.



How many eggs are left?

Show  
Your  
working

9 eggs

Award **2** marks for the correct answer of 3 peanuts.

If the answer is incorrect, award 1 mark for evidence of appropriate method, e.g.

- $4 \times 3 = 12$   
 $12 - 3 =$

**23**

Kendra writes an answer to the calculation below.

$$63 - 22 = \boxed{41}$$

Now write an addition to **check Kendra's answer**.

$$\boxed{41} + \boxed{22} = \boxed{63}$$

or

$$\boxed{22} + \boxed{41} = \boxed{63}$$

**24**

Write a digit in each box to make the sum correct.

$$\begin{array}{|c|c|} \hline 5 & \square \\ \hline \end{array} + \square = \begin{array}{|c|c|} \hline 6 & 1 \\ \hline \end{array}$$

1

52 + 9

53 + 8

54 + 7

55 + 6

56 + 5

57 + 4

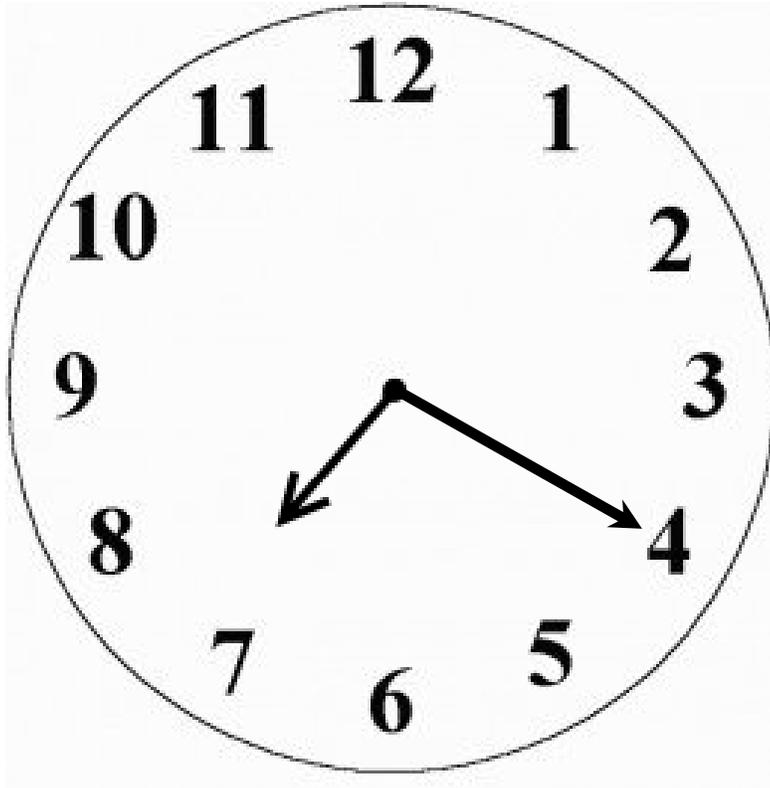
58 + 3

59 + 2

1

25

Draw the minute hand on the clock to show  
**twenty past seven.**



**26**Alice has **25** chocolates.She shares her chocolates equally between **5** children.

Tick (✓) the calculation that shows how many chocolates each child gets.

Tick **one**

$$25 - 5 = 20$$

$$25 \div 5 = 5$$

$$25 + 5 = 30$$

$$25 \times 5 = 125$$

27

John has **40** peanuts.



He gives **26** to Jaman.

He gives **11** to Kendra.

How many peanuts does John have left?

Show  
your  
working

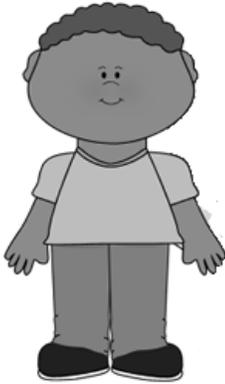
3 peanuts

Award **2** marks for the correct answer of 3 peanuts.

If the answer is incorrect, award 1 mark for evidence of appropriate method, e.g.

- $40 - 26 = 14$   
 $14 - 11 =$

Compare the mass of the children below.



Jaman  
39 kg



Alice  
42kg



Kendra  
39kg

Write  $<$  or  $>$  or  $=$  in each box.

Jaman's mass

$=$

Kendra's mass

Kendra's mass

$<$

Alice's mass

**29**

Do these calculations have the same answer?

Write **yes** or **no** next to each box.

One is done for you.

$$6 + 2 \quad \text{and} \quad 2 + 6$$

yes or no?

yes

$$6 \times 4 \quad \text{and} \quad 4 \times 6$$

yes

$$6 - 4 \quad \text{and} \quad 4 - 6$$

no

$$6 \div 4 \quad \text{and} \quad 4 \div 6$$

no

30

Look at these fractions

$\frac{1}{4}$

$\frac{1}{2}$

$\frac{3}{8}$

$\frac{3}{4}$

$\frac{2}{4}$

1

Circle the **two** fractions that are **equal**.

31

Complete the number sentence below.

$$3 \times 4 = 2 \times \boxed{6}$$

1

END OF TEST