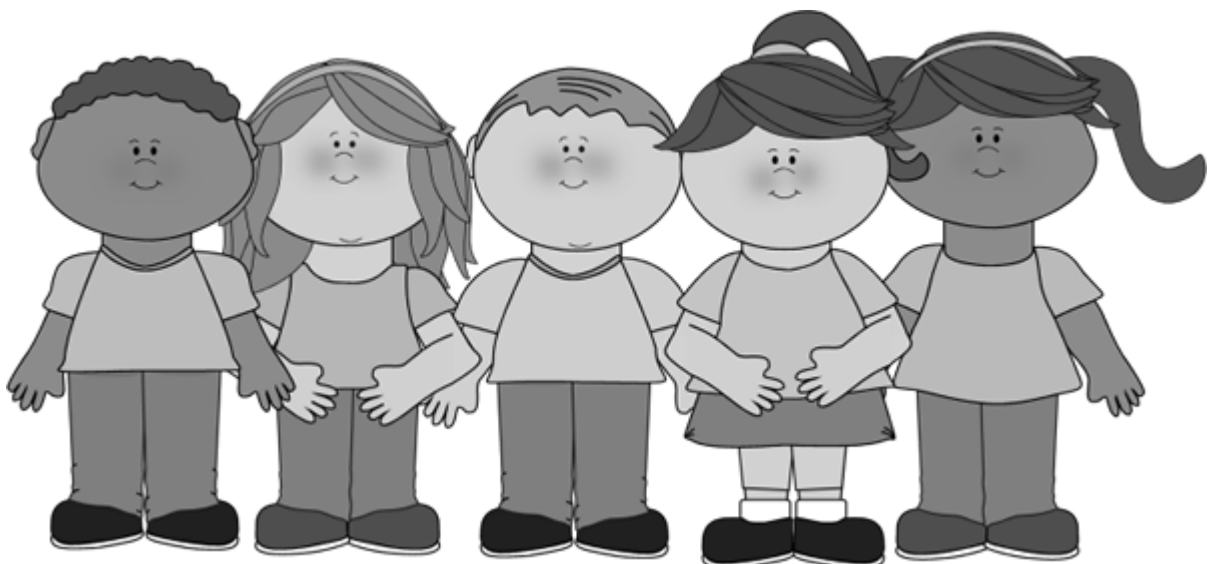


Key Stage 1

SATs style Reasoning and Arithmetic Tests (New Curriculum)



Jaman

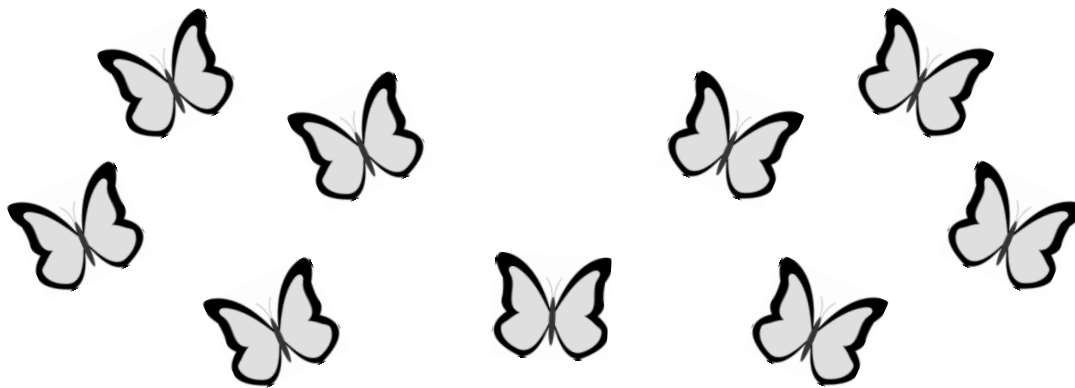
Kendra

John

Alice

Anika

Practice question



butterflies

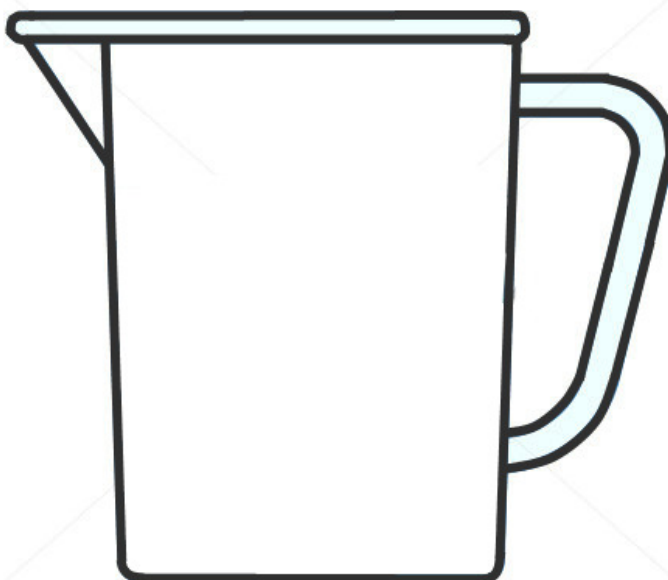
1



2

tens

3



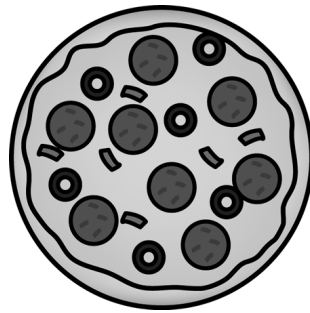
3kg

3m

3l

3°C

4



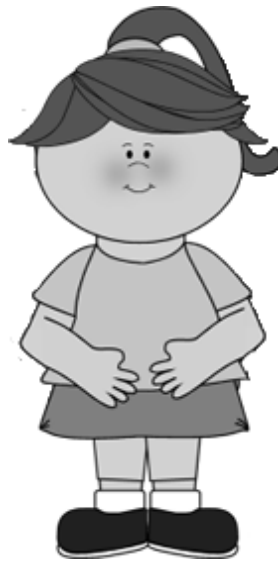
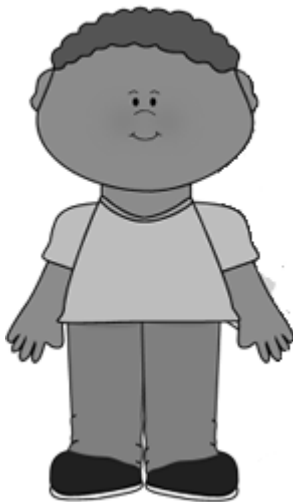
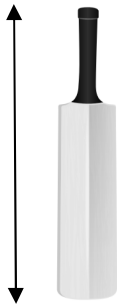
pieces of pizza

5

Jaman

Alice

80cm



90cm

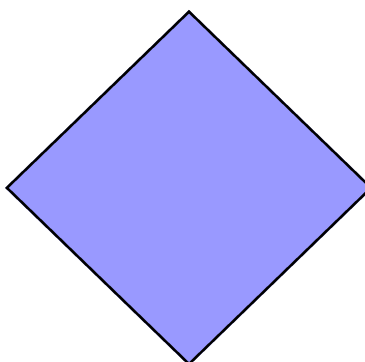
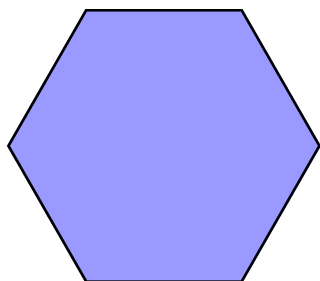
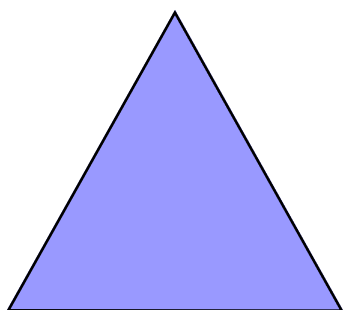
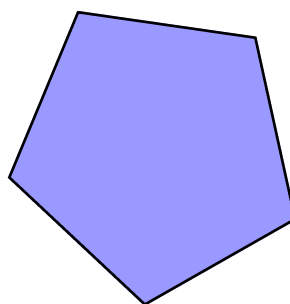
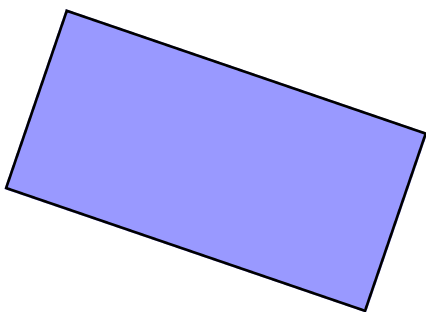


cm

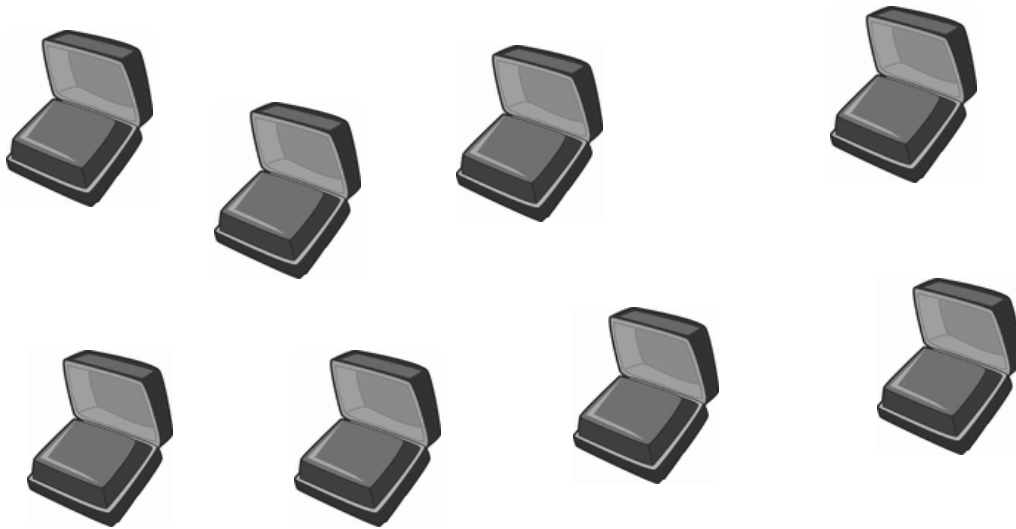
6

Look at the shapes.

Tick the pentagon.



7



Kendra puts 2 earrings in each of these boxes.

How many earrings altogether?

earrings

8

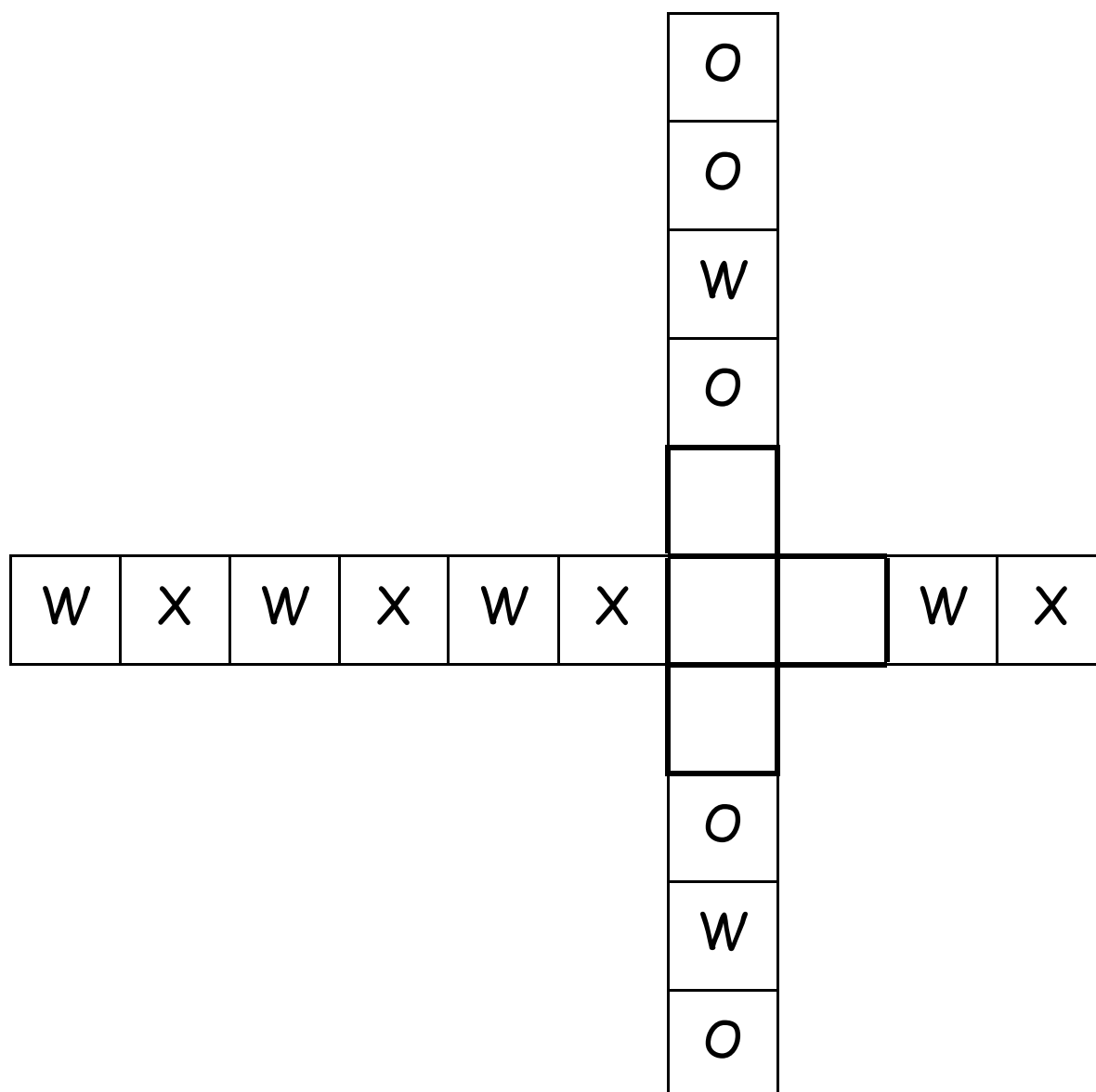
Complete the table.

words	digits
twenty-six	26
sixty	
	75

9

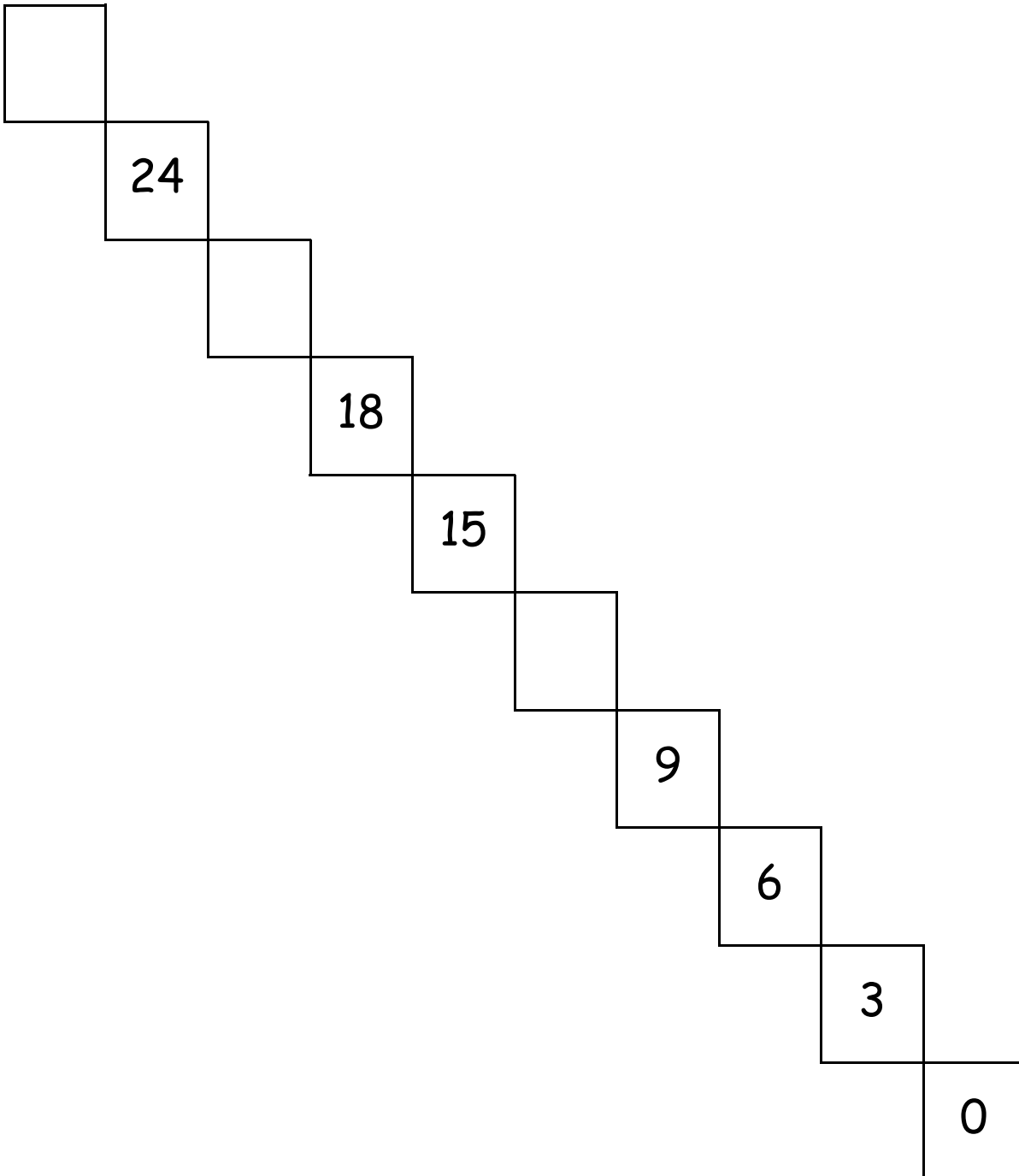
Here are two shape patterns.

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



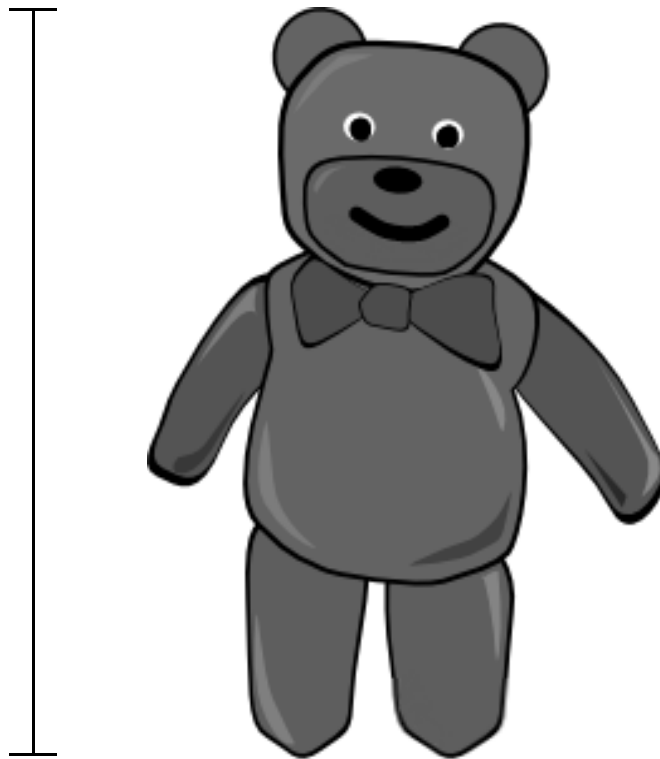
10

Write the three missing numbers in this pattern.



11

Use a ruler to measure the height of the teddy.

 cm

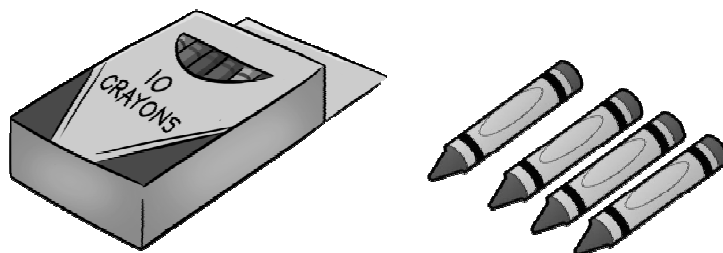
12

Write the numbers in the correct part of the table.

67	31	82	99
68	73	24	46

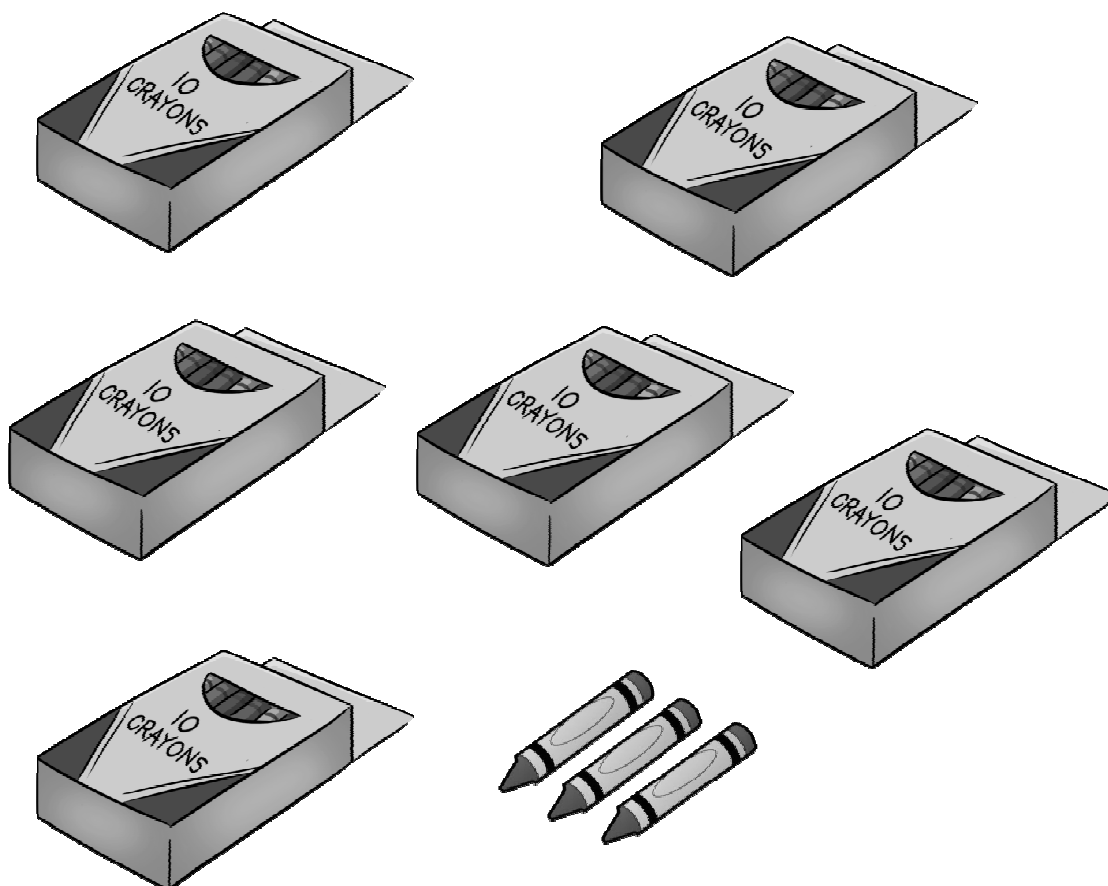
Odd numbers	Even numbers

John has 14 crayons.



Here are Anika's crayons.

How many crayons does Anika have?


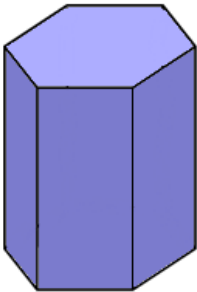
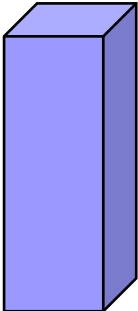
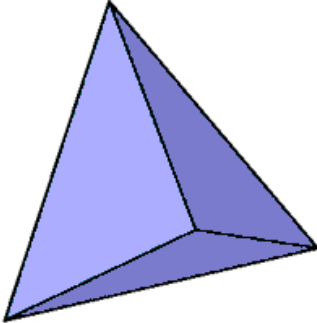
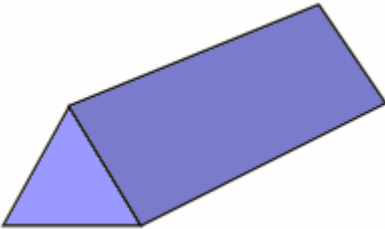


crayons

14

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

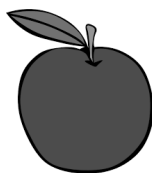
Draw an (X) on it.

Shapes with a rectangular face	Shapes without a rectangular face
  	 

A shop sells these fruits.



10p



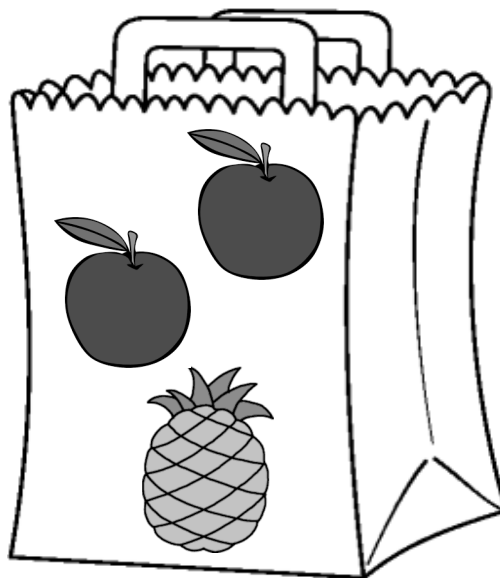
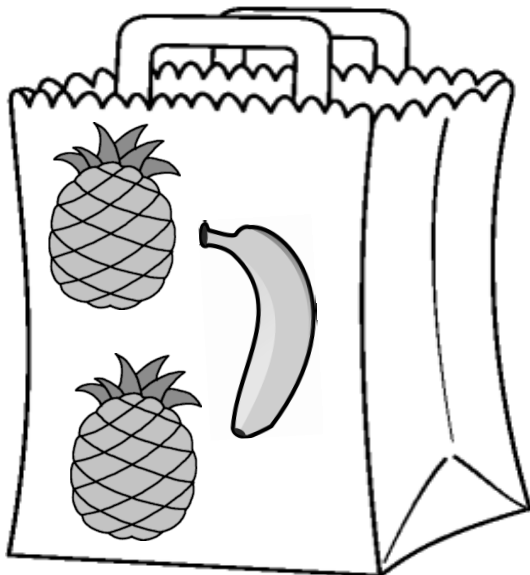
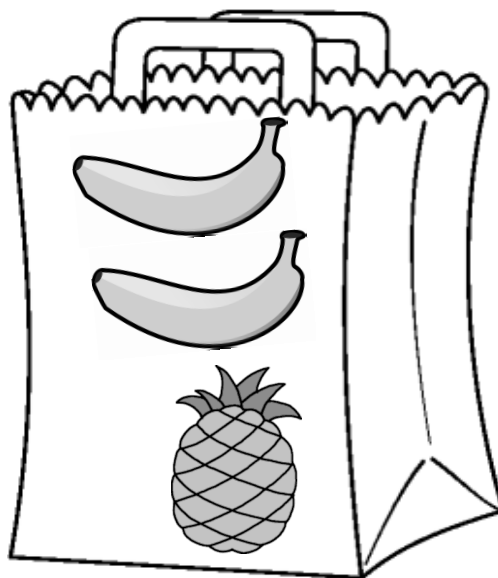
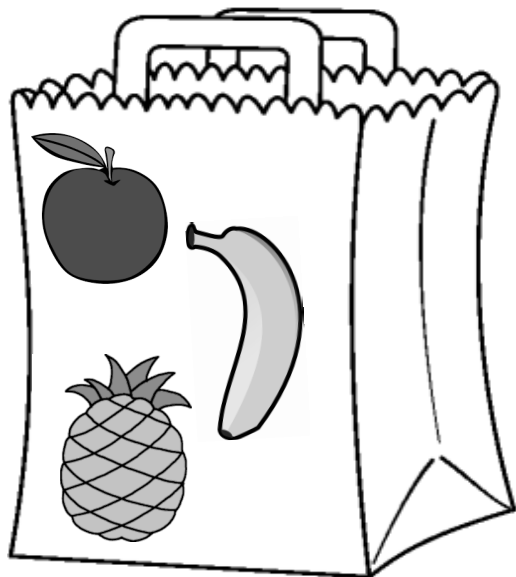
5p



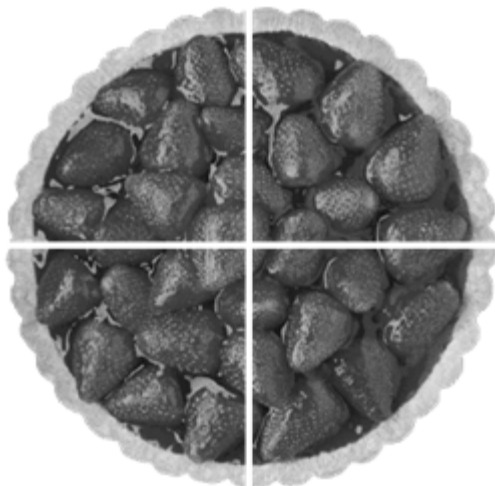
3p

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?



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?

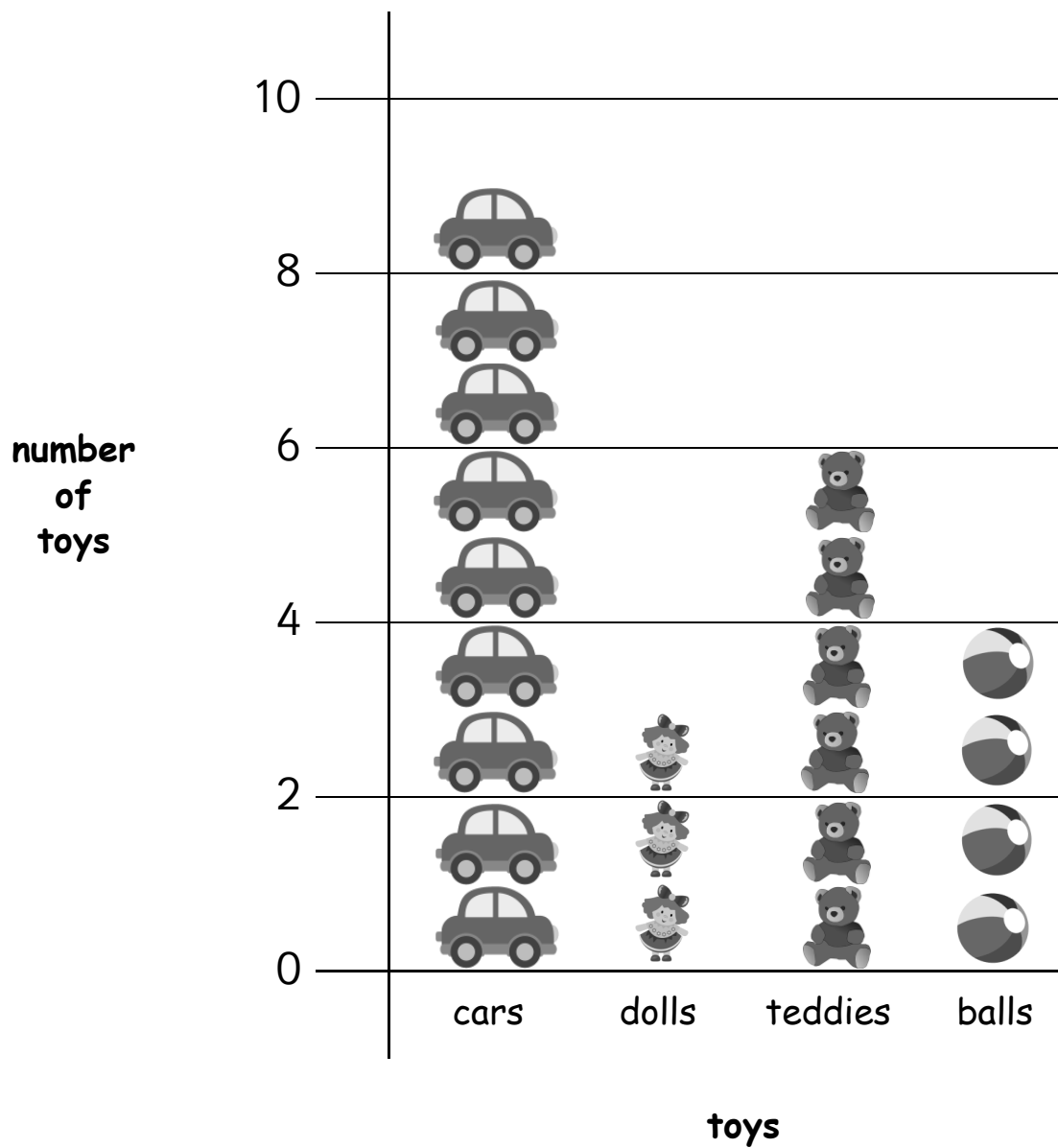


marbles



18

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



a) How many cars and balls are there altogether?

 toys

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

19

Alice buys a lollipop for 80p



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



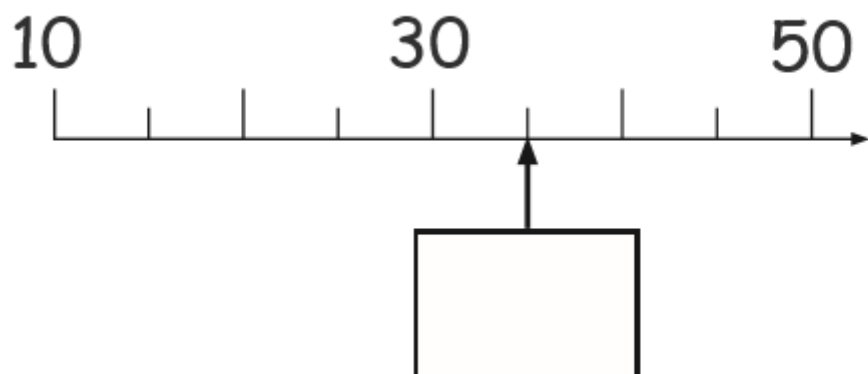
b) Tick (✓) **four** coins to show another way to make 80p.



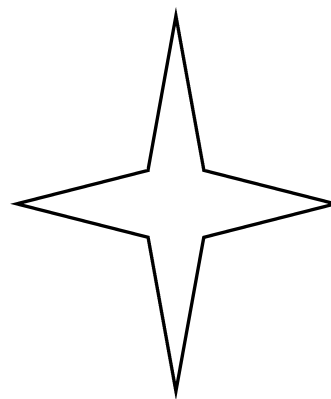
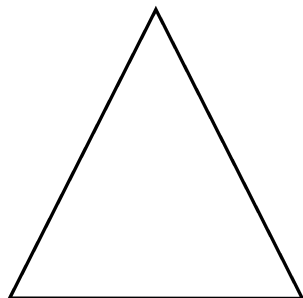
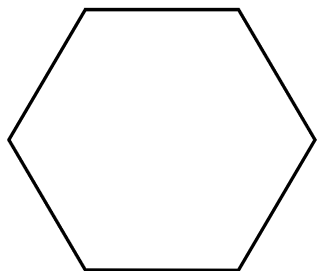
20

Look at the number line.

Write the correct number in the box.

**21**

Draw a line of symmetry on each of these shapes.

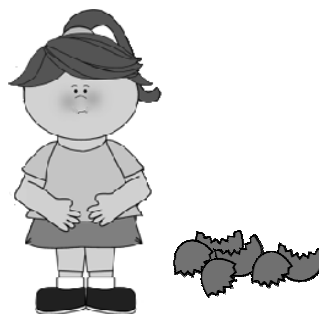


22

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

eggs

23

Kendra writes an answer to the calculation below.

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

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

$$\boxed{} + \boxed{} = \boxed{}$$

24

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

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

25

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





She shares her chocolates equally between **5** children.

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

Tick **one**

$$25 - 5 = 20$$

☐

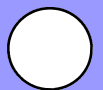
$$25 \div 5 = 5$$

☐

$$25 + 5 = 30$$

☐

$$25 \times 5 = 125$$

☐

27

John has **40** peanuts.



He gives **26** to Jaman.

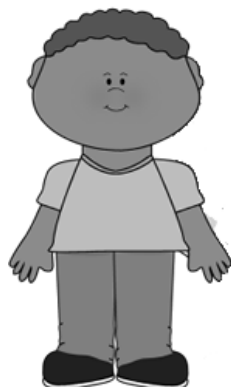
He gives **11** to Kendra.

How many peanuts does John have left?

Show
your
working

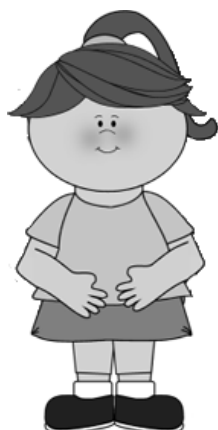
peanuts

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

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

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

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



30

Look at these fractions

$\frac{1}{4}$

$\frac{1}{2}$

$\frac{3}{8}$

$\frac{3}{4}$

$\frac{2}{4}$

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

31

Complete the number sentence below.

$$3 \times 4 = 2 \times \square$$

END OF TEST