

Ma

KEY STAGE

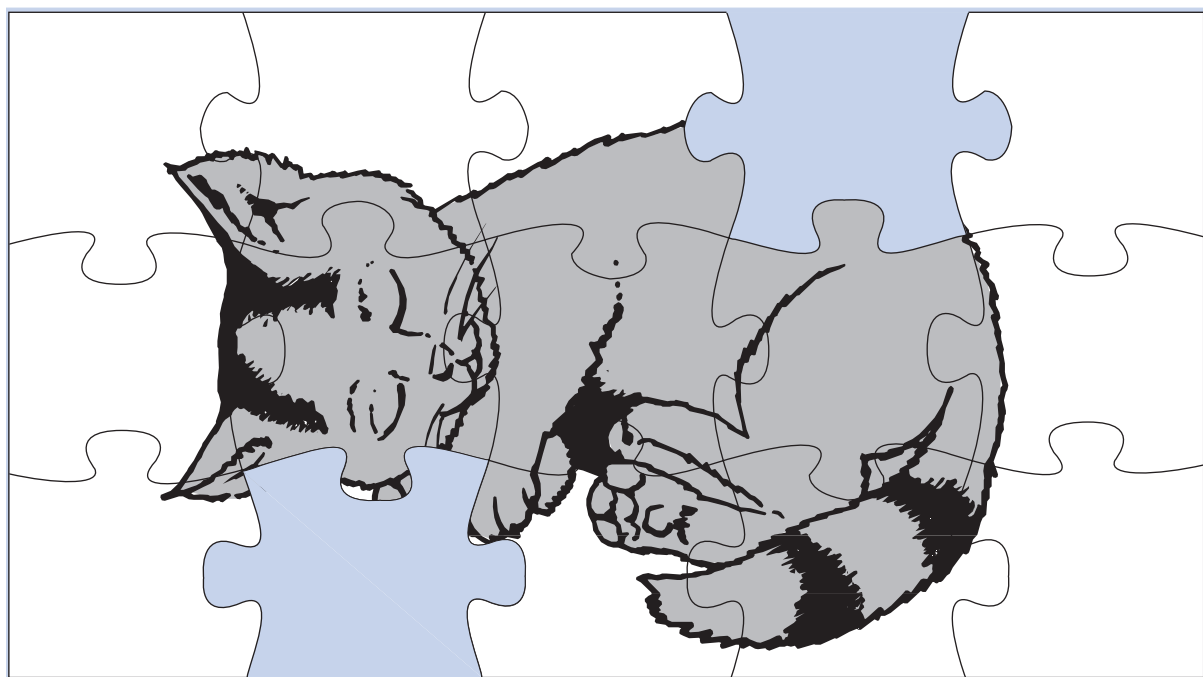
1

LEVEL

3

# Mathematics test

2009



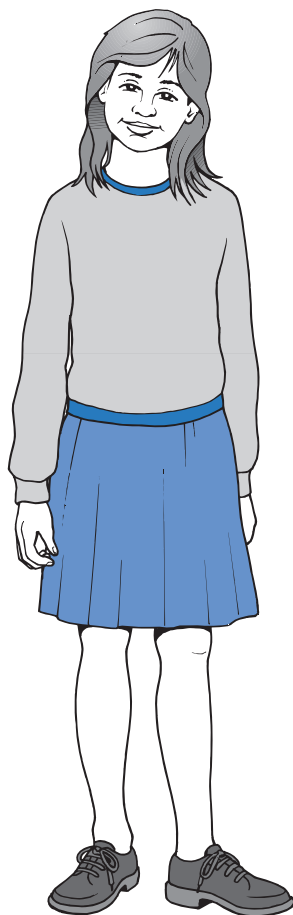
Name

Score

Level

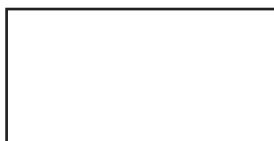


Ravi

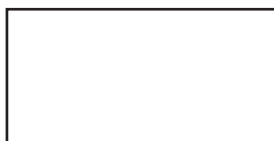


Tara

**Practice question**



**a**



**b**

|

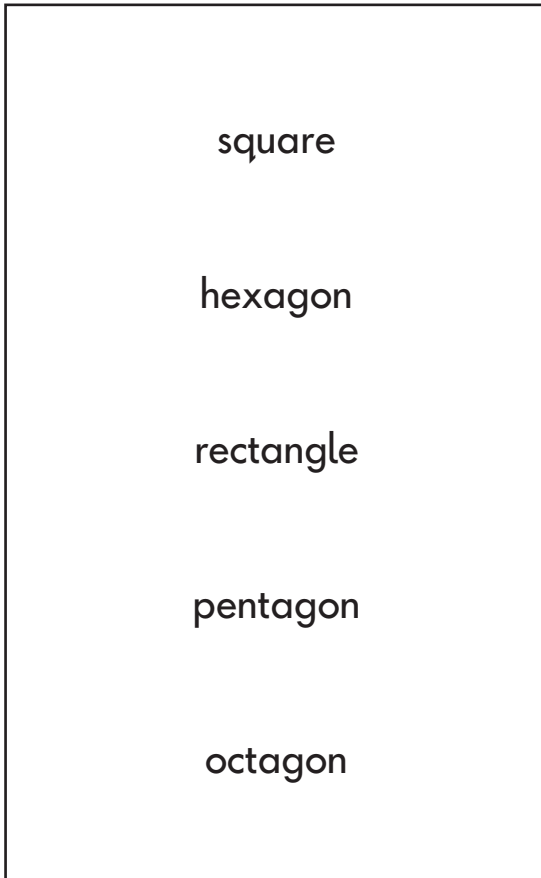


2



**C**

3



**d**

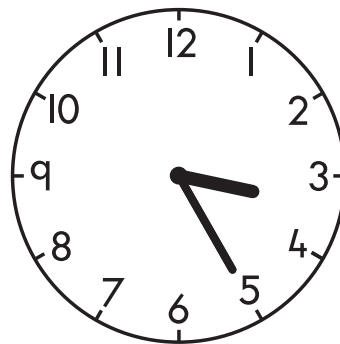
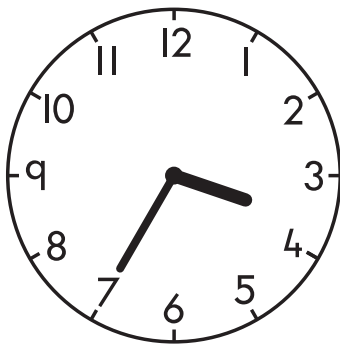
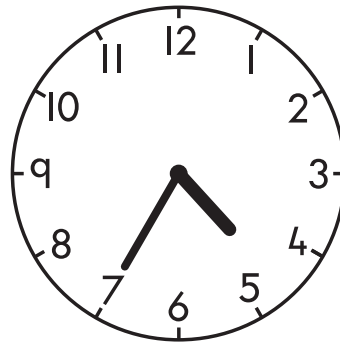
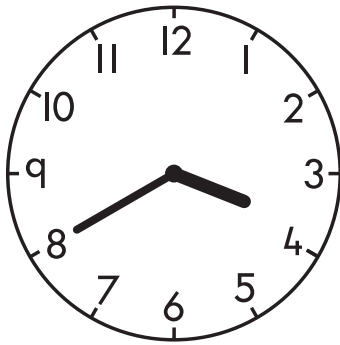
4

4



e

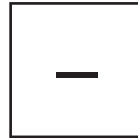
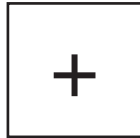
5



5

## Practice question

Here are some signs.



Write the correct sign in each box.

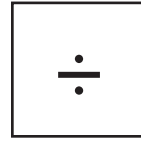
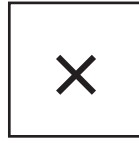
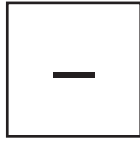
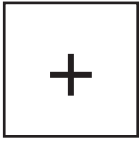
One is done for you.

$$10 \quad \boxed{+} \quad 20 = 30$$

$$30 \quad \boxed{\phantom{+}} \quad 20 = 10$$

6

Here are some signs.



Write the correct sign in each box.

One is done for you.

$$3 \boxed{+} 3 = 6$$

$$3 \boxed{\phantom{+}} 3 = 1$$

$$3 \boxed{\phantom{+}} 3 = 9$$

7 Here is a diagram for sorting numbers.

Write each number in the correct box.

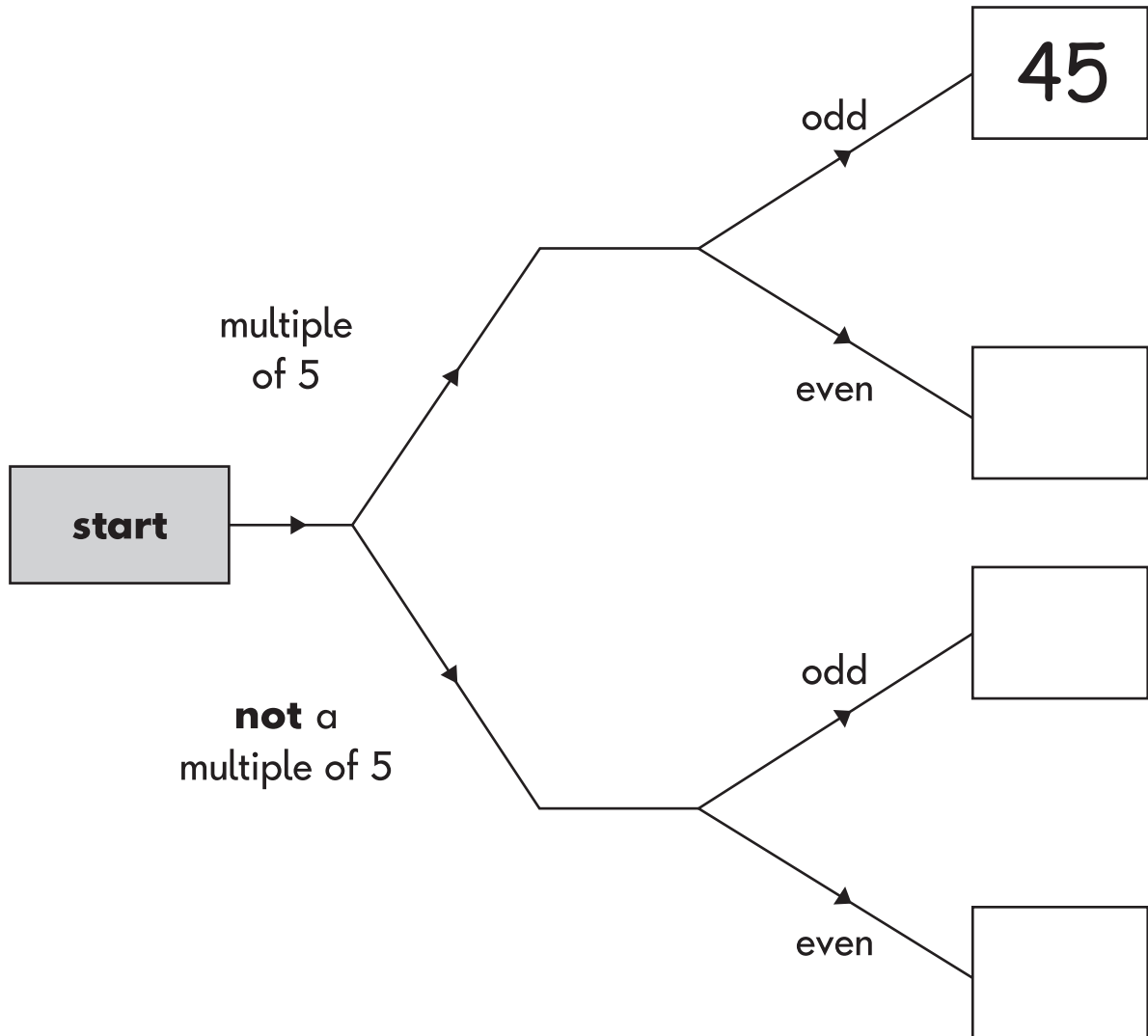
One is done for you.

~~45~~

46

20

53



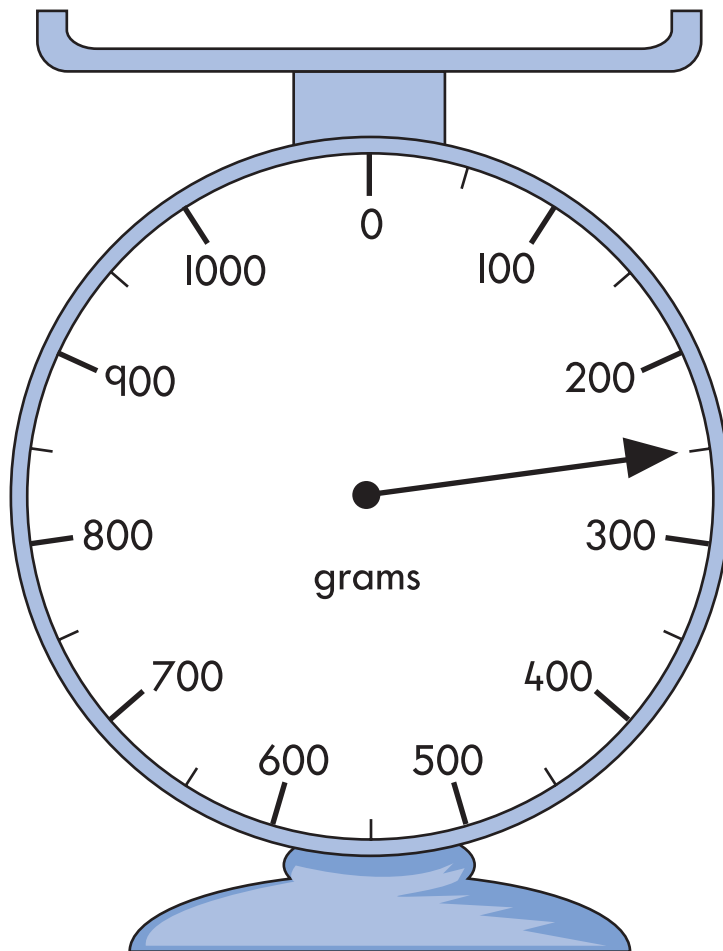


8

Ravi has a kitten.



The scale shows the weight of the kitten.



How much does the kitten weigh?

grams
-------



9

Write the total.

$$36 + 44 + 24 =$$

10

Look at these **three** numbers.

5

12

60

Use **all three** numbers to make these correct.

$$\square \times \square = \square$$

$$\square \div \square = \square$$

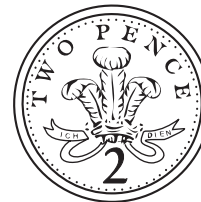
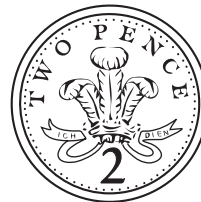
11

Ravi has these coins.

He buys a toy that costs **72p**

He pays exactly 72p using the **smallest number** of coins.

Draw a tick (✓) on each coin he uses.



12

Tara does not know how to work out the answer to this

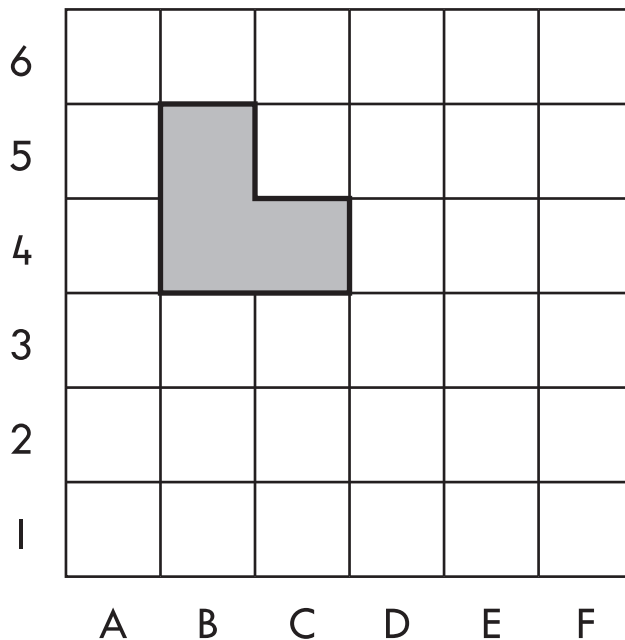
$$16 \times 5 =$$

Show Tara how to work out the correct answer in the box.



13

Look at the  shape on the grid.



Part of it is in square **B5**

Write the other **two** squares it is in.

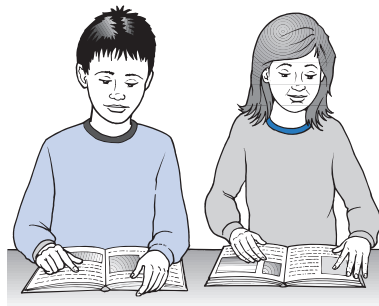
and



14

Tara has **4** books.

Ravi has **3 times as many** books as Tara.



How many books do Tara and Ravi have **altogether**?

books

15

Miss West needs **28** paper cups.

She has to buy them in packs of **6**

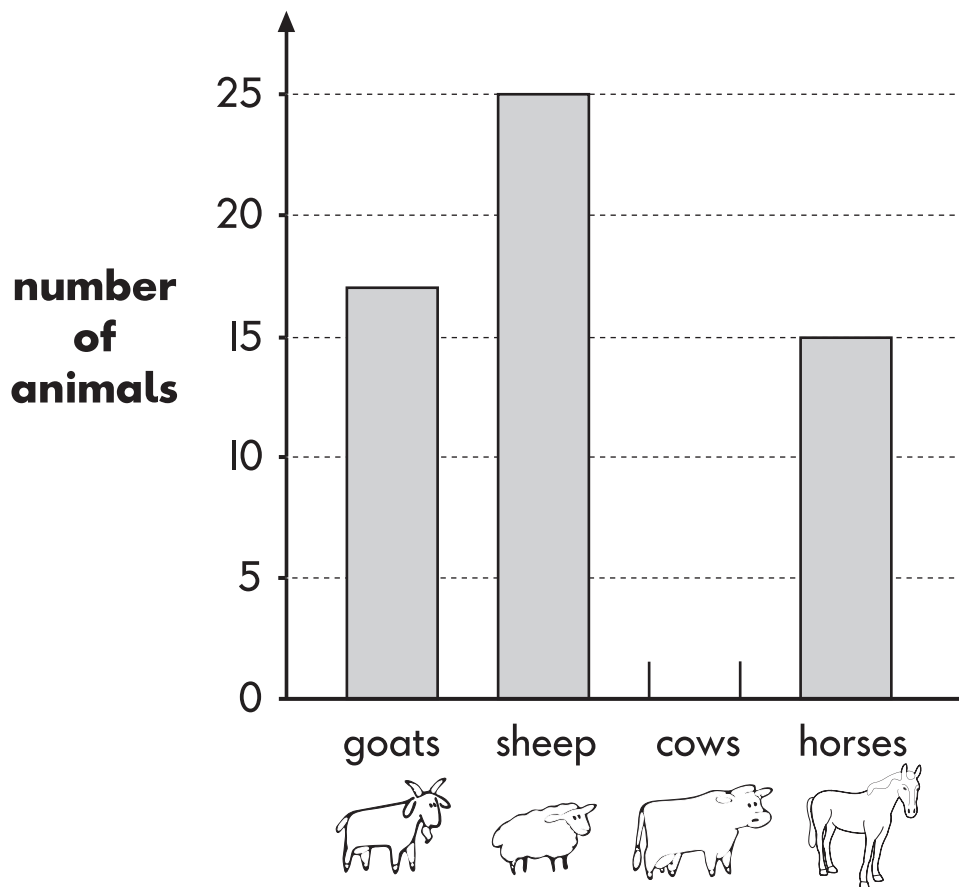


How many packs does she have to buy?

packs

Here is a graph.

### Animals on the farm



a The farm has **more** sheep than horses.

How many more?

b The farm has **5 more** cows than horses.

Complete the graph to show the number of cows.

17

The table shows how many 10p, 5p and 2p coins Tara has.

Coin	Number of coins
10p	8
5p	4
2p	5

How much money does she have altogether?

Work it out in the box.

£



18

Write the answer.

$$248 - 35 =$$

19

Write

**always**

**sometimes**

or

**never**

in each box to make the sentences correct.

Multiples of **2**

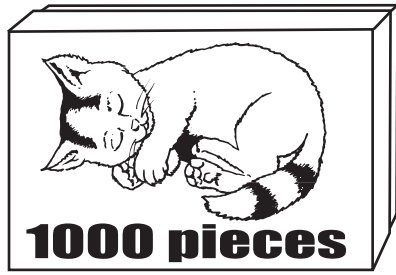
end in **3**

Multiples of **5**

end in **5**

Multiples of **10**

end in **0**



There are **1000** pieces in a puzzle.

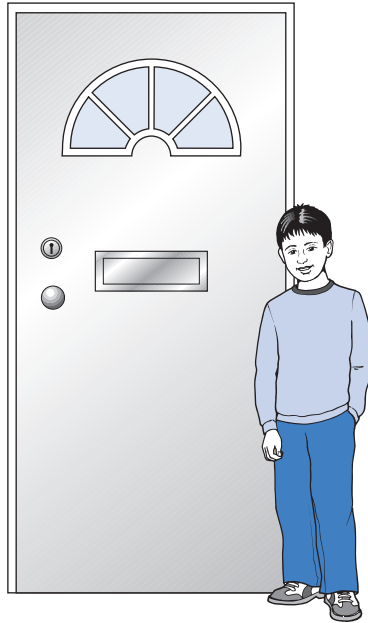
**12** pieces go missing.

How many pieces are left?

pieces
--------



21 Ravi walks through the front door of his house.



Tick (✓) the height the door is most likely to be.

1 metre

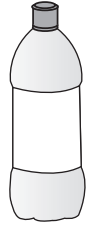
2 metres

5 metres

10 metres

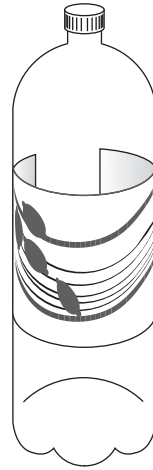
100 metres





small bottle  
of water

$\frac{1}{4}$  litre



large bottle

2 litres

How many small bottles of water will fill the large bottle?

small bottles



23 Here are the first five numbers in a sequence.

1st	2nd	3rd	4th	5th	
420	400	380	360	340	

The sequence continues in the same way.

Write the number that will be **10th** in the sequence.

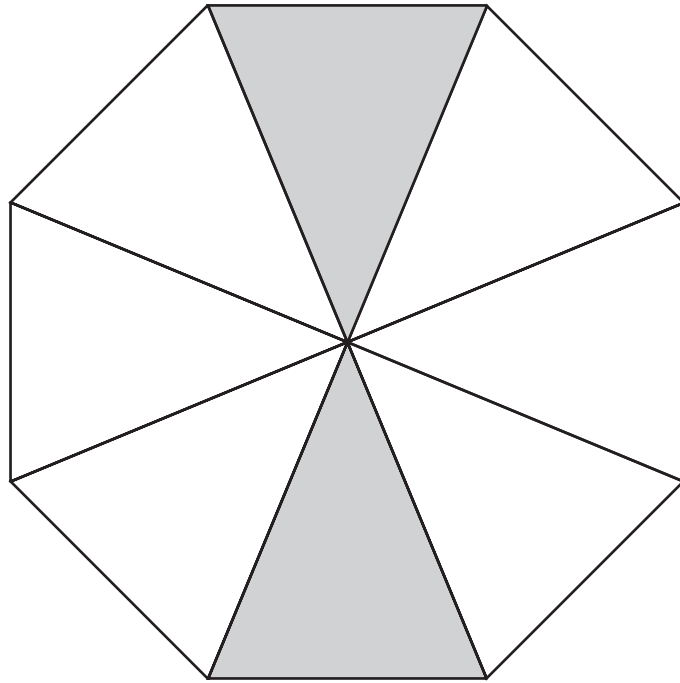
24 Write the answer.

$$348 - 99 =$$

25

This shape is divided into equal parts.

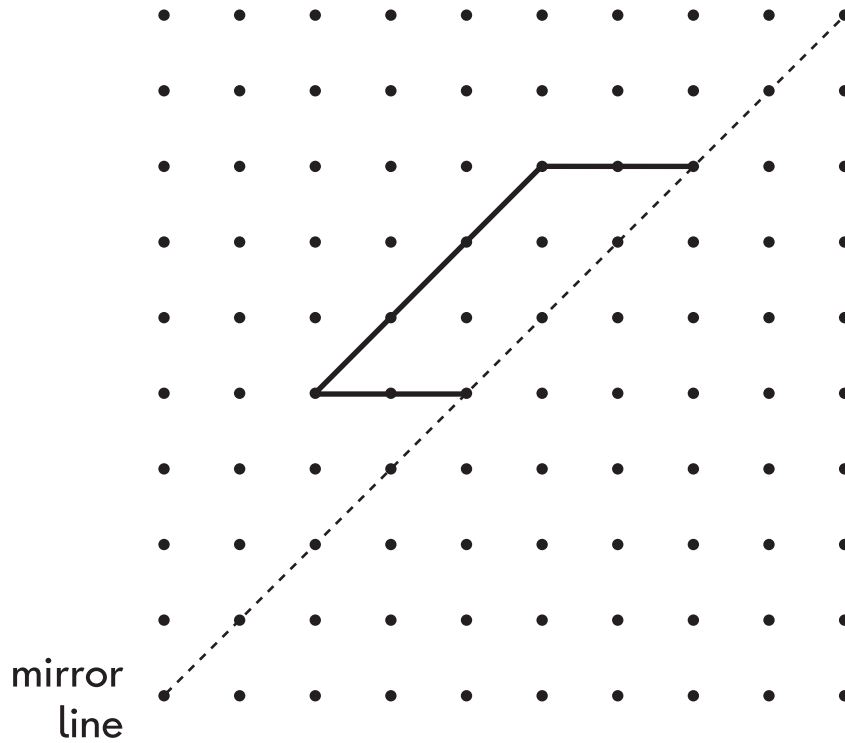
What fraction of this shape is shaded?



26

Draw the **reflection** of this shape in the **mirror line**.

You may use a mirror.



27

Write the **same number** in each box to make this sum correct.

$$\square + \square + \square = 42$$

