Ma

KEY STAGE
1
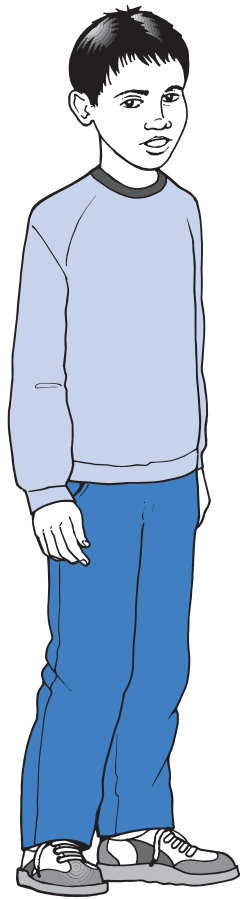
LEVEL
3

Mathematics test
2009
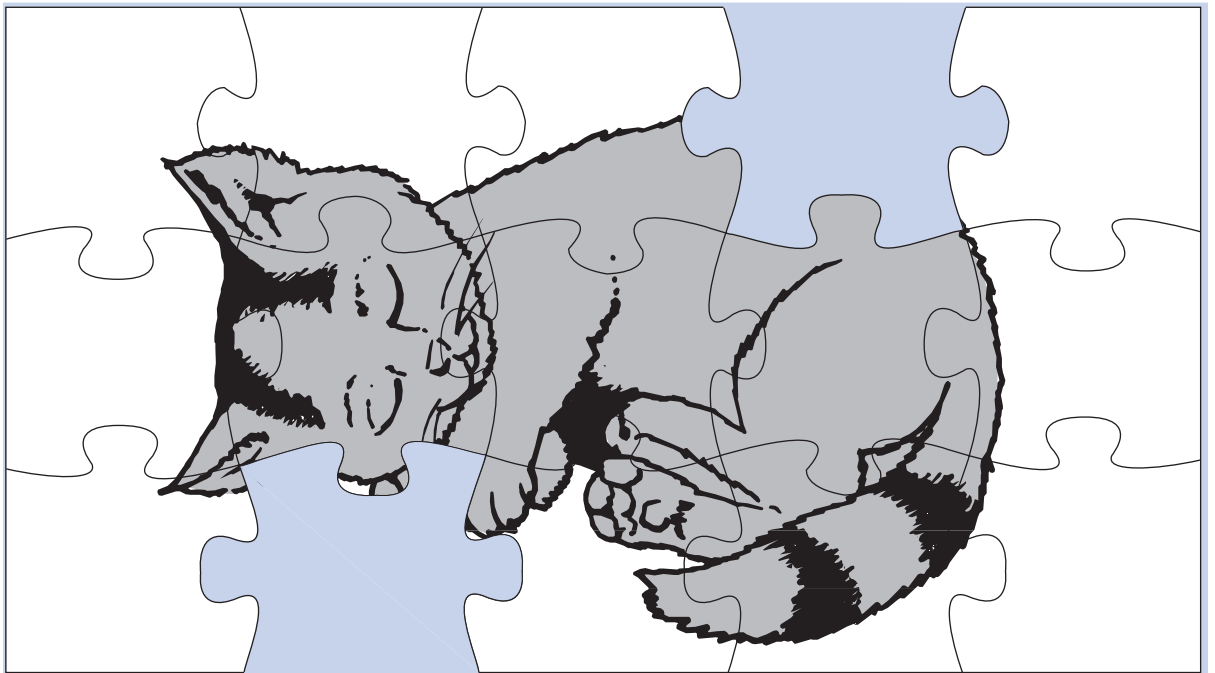
Name
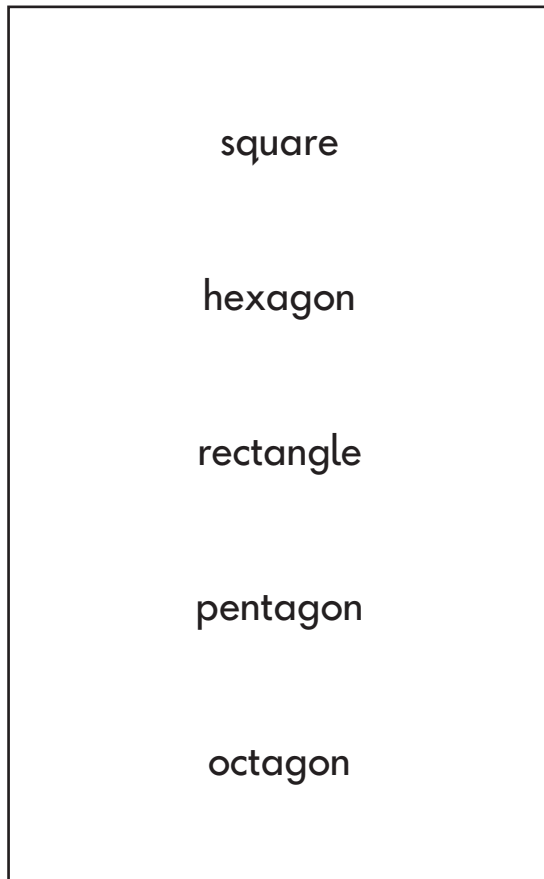
Score

Level

Ravi

Tara

Practice question

a

1

b

2

c

3

square

hexagon

rectangle

pentagon

octagon

d

4

4

e
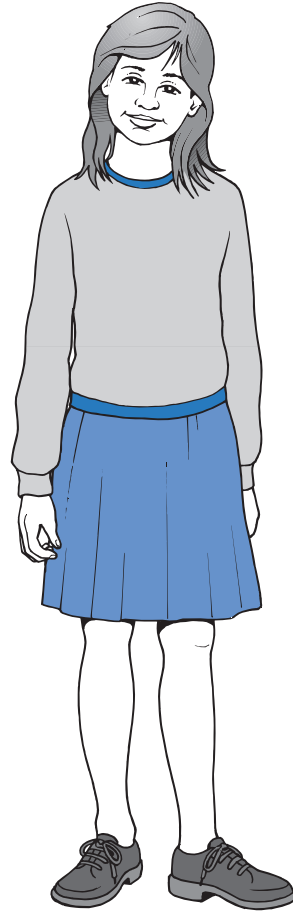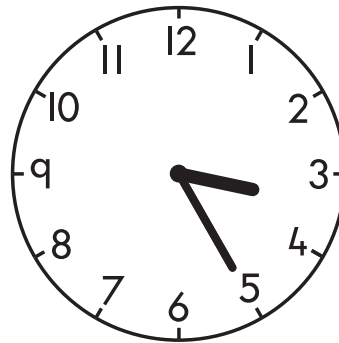
5

Practice question

Here are some signs.

+   −
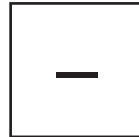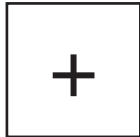
Write the correct sign in each box.

One is done for you.

10 + 20 = 30

30 [ ] 20 = 10

6 Here are some signs.

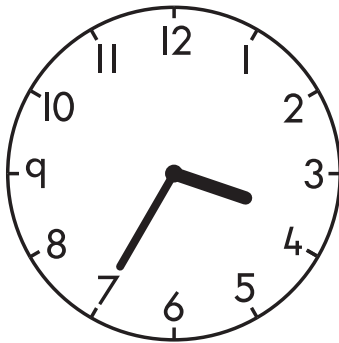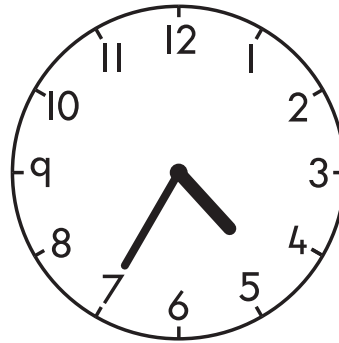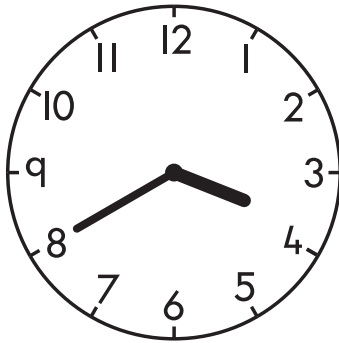| + | − | × | ÷ |
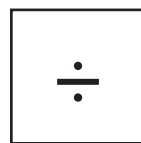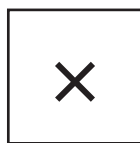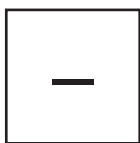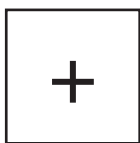
Write the correct sign in each box.

One is done for you.

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

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

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

7 Here is a diagram for sorting numbers.

Write each number in the correct box.

One is done for you.

~~45~~   46   20   53
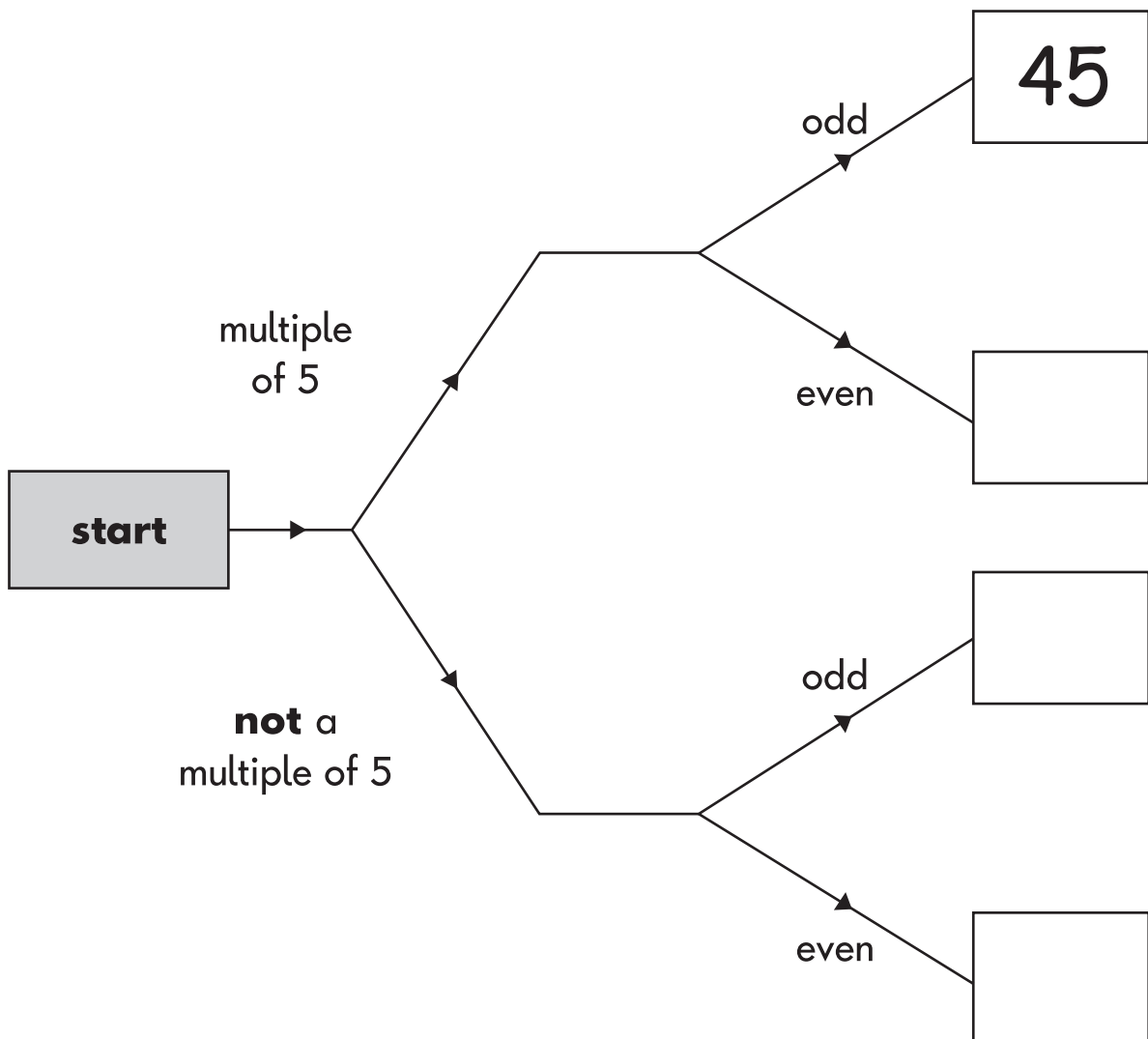
8   Ravi has a kitten.

The scale shows the weight of the kitten.
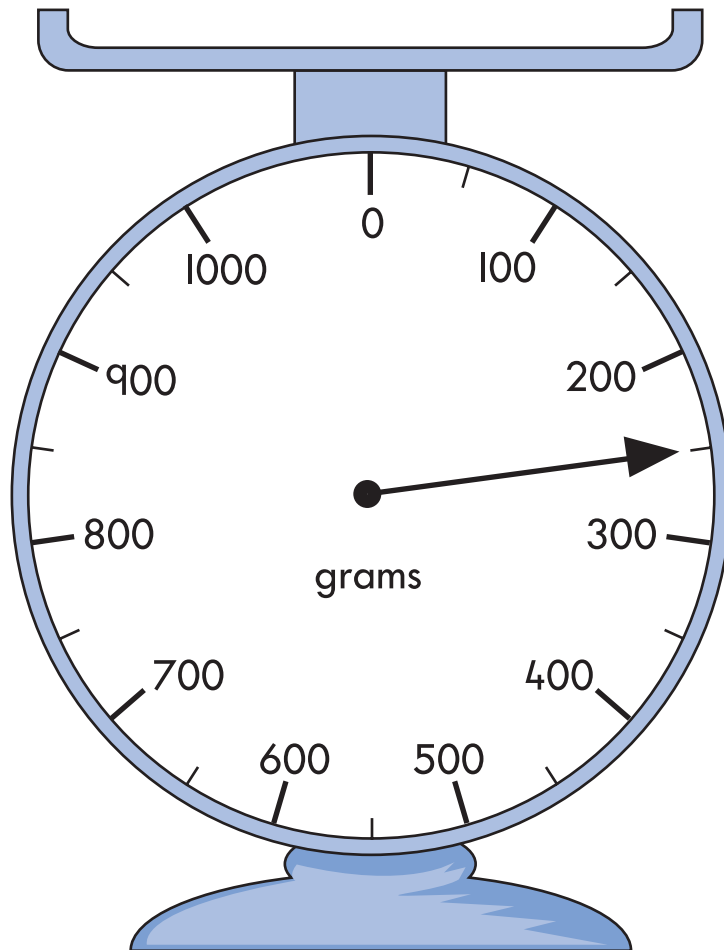
How much does the kitten weigh?

[ ] grams

9 Write the total.

$$36 + 44 + 24 =$$

○

10 Look at these **three** numbers.

$$5 \qquad 12 \qquad 60$$

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

☐ × ☐ = ☐

☐ ÷ ☐ = ☐

○

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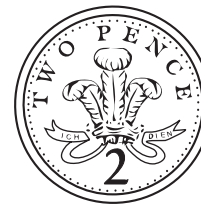
12 Tara does not know how to work out the answer to this

$$16 \times 5 =$$

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

13 Look at the ⌐ shape on the grid.
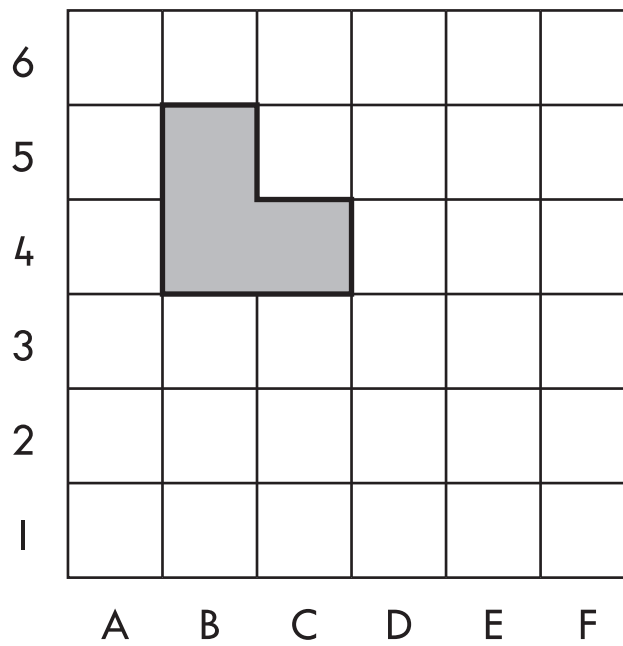
Part of it is in square **B5**

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

and

14

Tara has **4** books.

Ravi has **3 times as many** books as Tara.
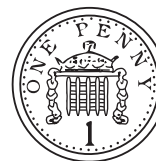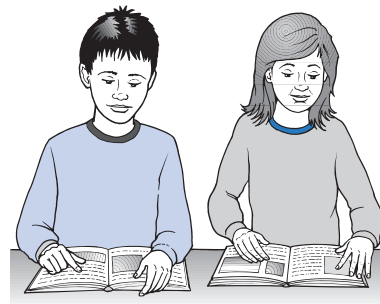
How many books do Tara and Ravi have **altogether**?

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

○

16 | Here is a graph.

Animals on the farm

number
of
animals

25

20

15

10

5

0

goats   sheep   cows   horses
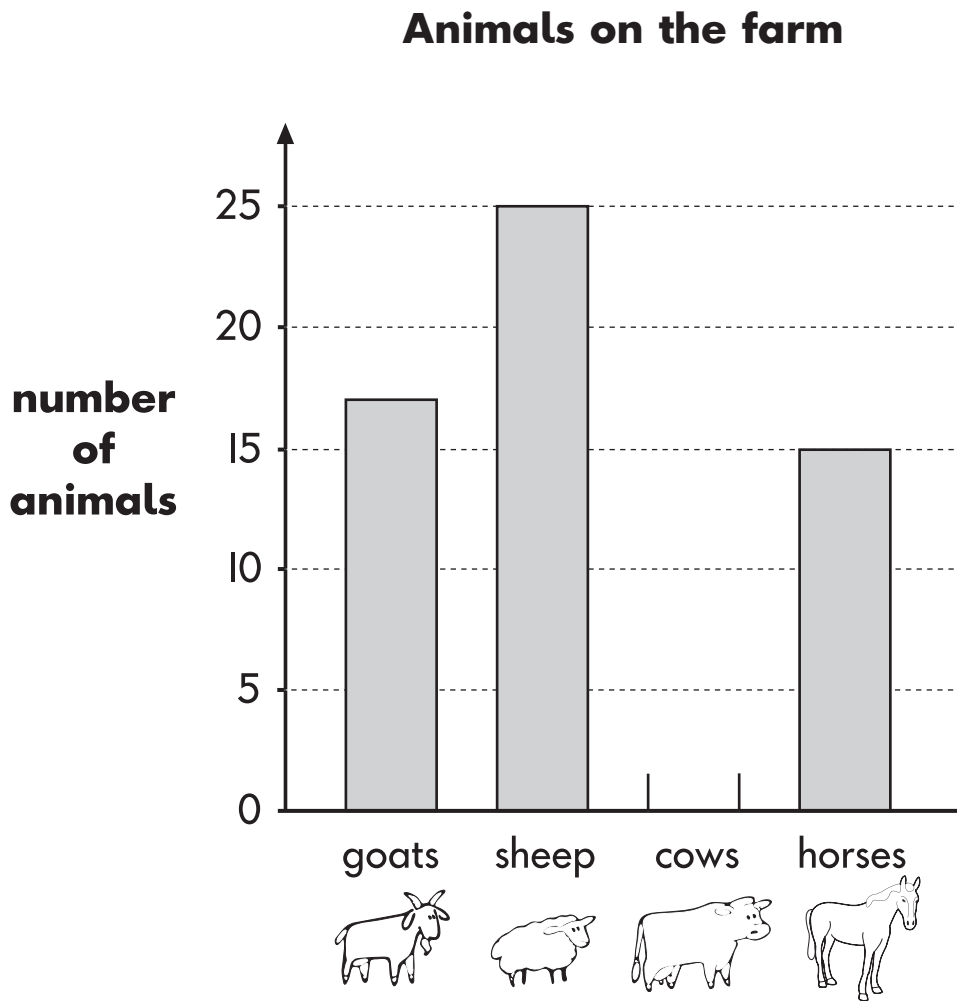
a | The farm has **more** sheep than horses.

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

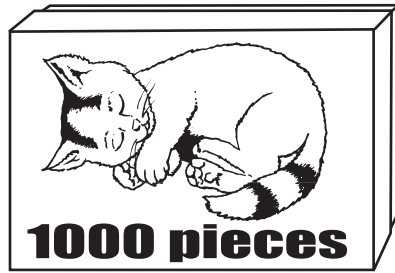Write | **always** | **sometimes** | or | **never** |

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**

20

1000 pieces

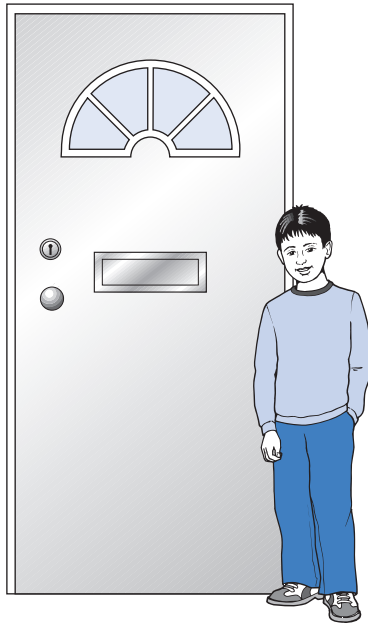There are **1000** pieces in a puzzle.

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.
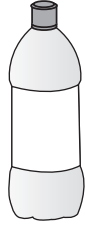
1 metre

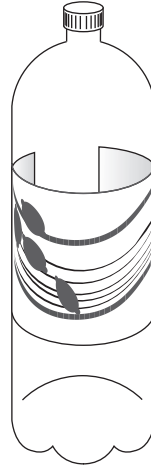2 metres

5 metres

10 metres

100 metres

22

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.
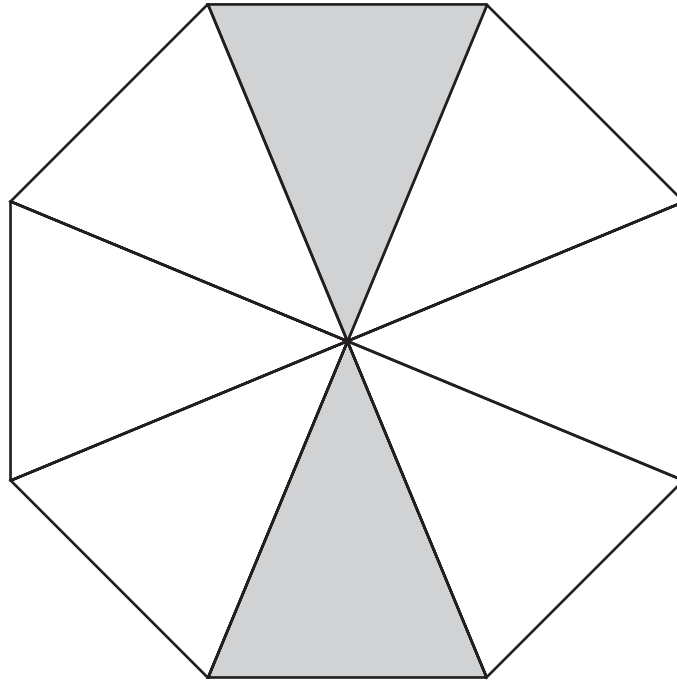
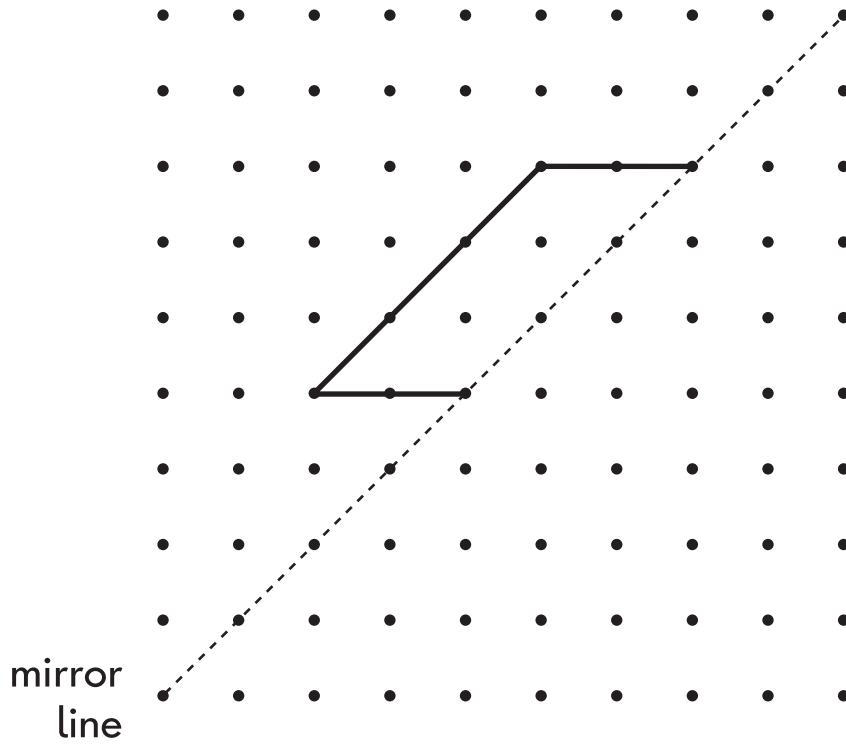**24** Write the answer.

$$348 - 99 =$$

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.

mirror
line

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

$$\boxed{} + \boxed{} + \boxed{} = 42$$

STA/13/6066/e