

Name:

Date:

The Greedy Fox Maths Challenge



The characters in this story had to solve some tricky maths problems during their adventures. Could you have helped them? Read the questions in this booklet and see if you can work out how to solve the problems.

There's lots of space on each page for you to make jottings and draw pictures to help you.

The Greedy Fox needs some help to work out the answers to these addition problems.



Practice question

Write the total.

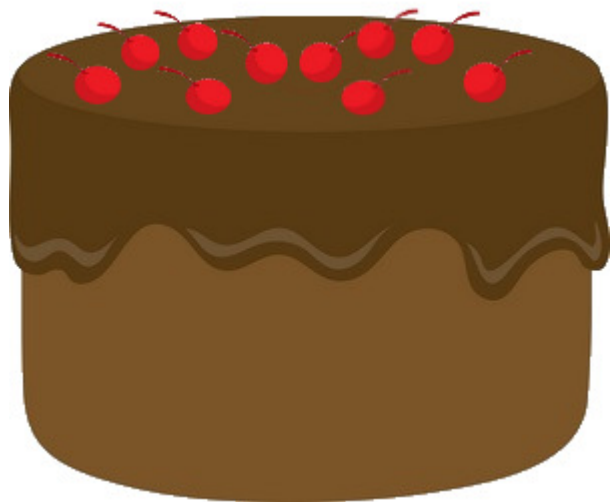
$$15 + 11 =$$

-
1. Add together **14**, **52** and **20**.

There are **10** cherries on each of the baker's cakes.

The baker has made **10** cakes.

2. How many cherries are there altogether?



cherries

3. Can you help the butcher match each number in the box to the nearest **10** ?

to the nearest **10**



180

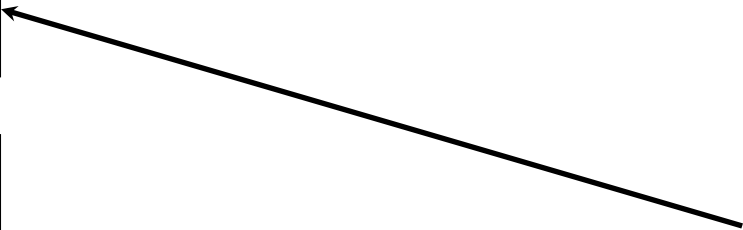
118

160

182

120

157



The candlestick maker has **50** candles in his shop.

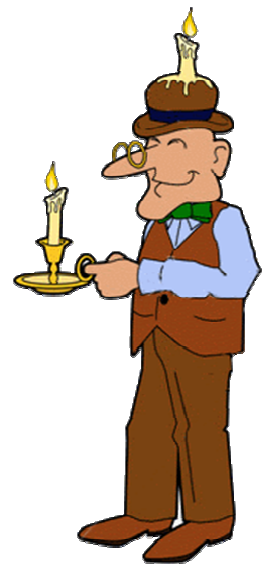
25 are **yellow**.

14 are **blue**.

The rest are **red**.

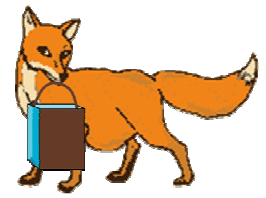
4. How many candles are **red**?

Show how you work it out in the box below.



candles

It takes the fox **20 minutes** to run to his lady friend's house and **32 minutes** to walk back.

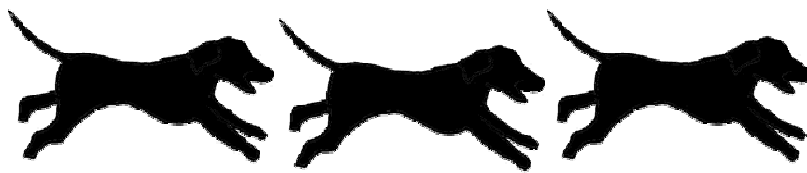


5. How long does it take him to go there and back?

minutes

There are has **18** black dogs chasing the fox.

They run in groups of **three** like this..



6. How many **groups of three** are there altogether?

The butcher has been counting the money he has made in his shop.

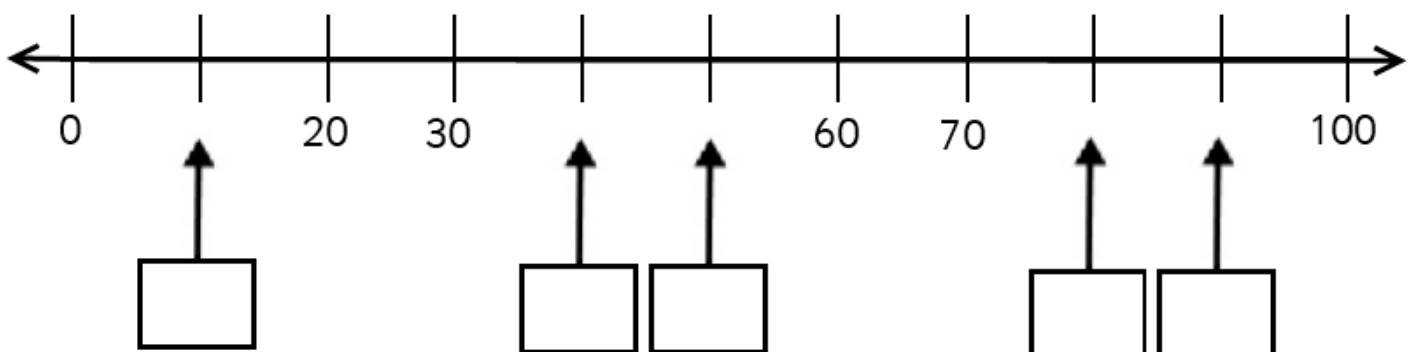


7. How much money has the butcher made altogether?

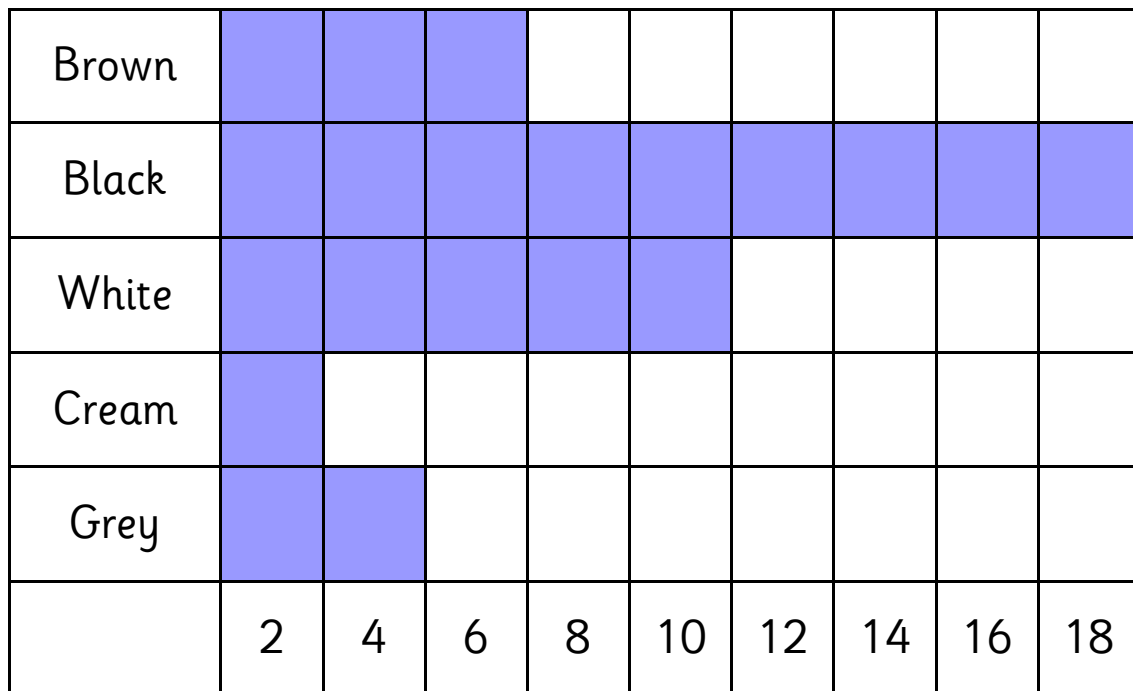
pence

The baker is trying to count his buns. He uses a number line to help him but some of the numbers are missing.

8. Fill in the missing numbers on the number line.



Here is a graph showing the colours of the dogs who were chasing the fox.



Number of Dogs

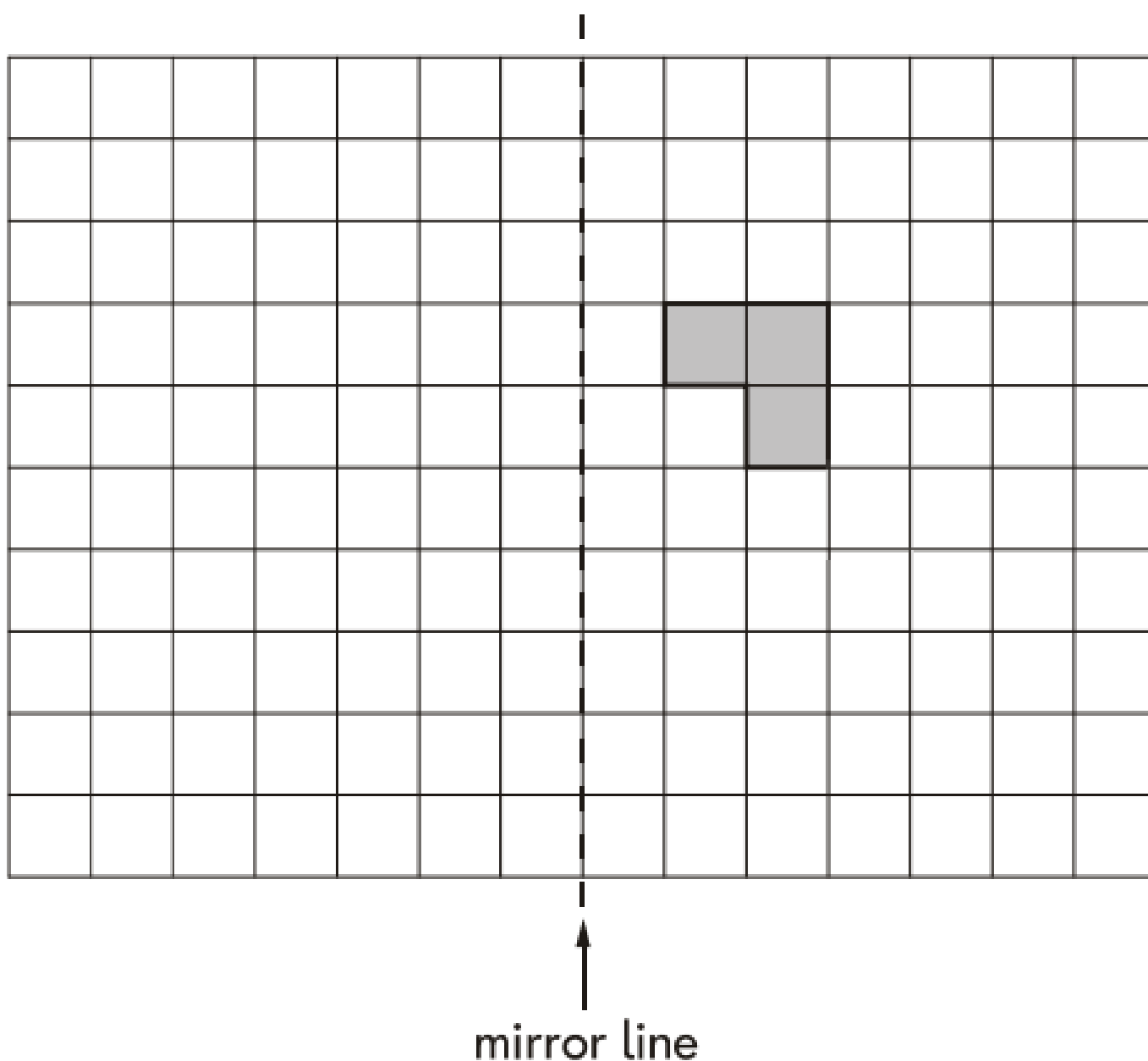
9. How many dogs are brown?

10. What colour are most of the dogs?

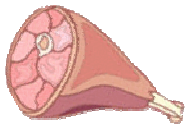

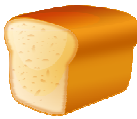

11. The butcher needs to draw a reflection of this shape in the mirror line?

Can you help?

You may use a mirror.



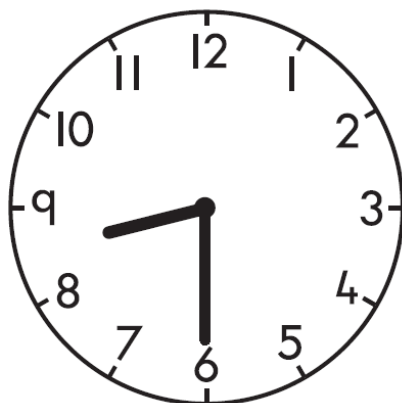
Here is a grid. It shows where butcher's shop, the baker's shop and the candlestick maker's shop are. It also shows you where the pond is.

5	 Butcher				 Candlestick Maker
4					
3			 Baker		
2					
1	 Pond				
	A	B	C	D	E

12. Use the grid to help you complete this table.

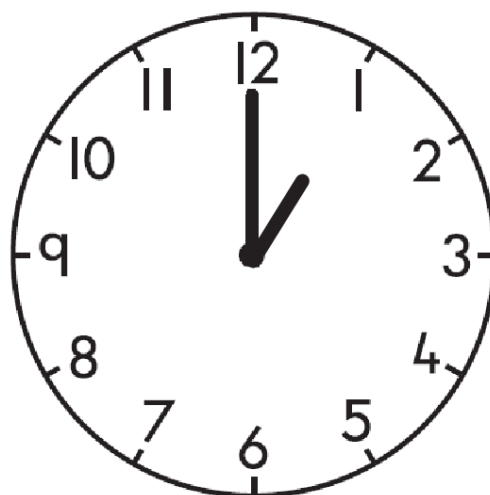
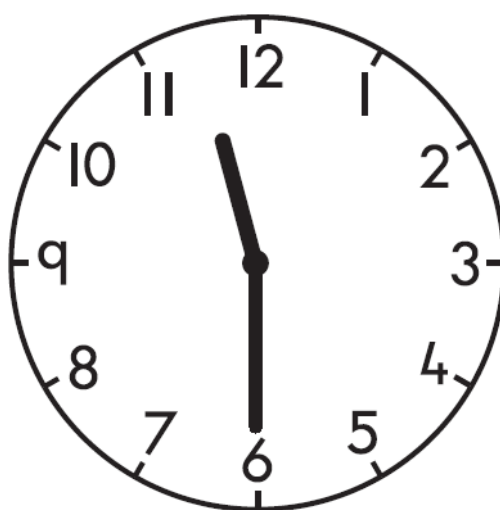
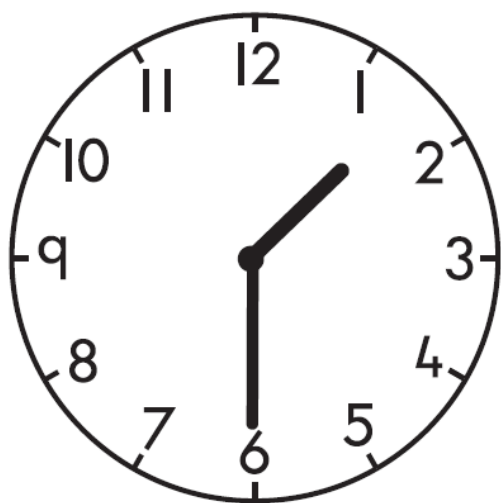
Butcher	A5
Candlestick Maker	
Baker	
	A1

On Wednesdays, the butcher opens his shop at this time.



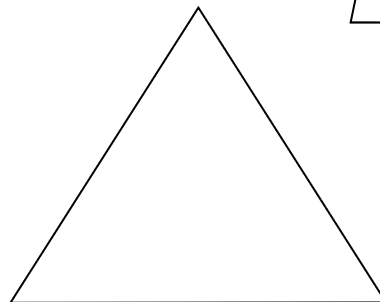
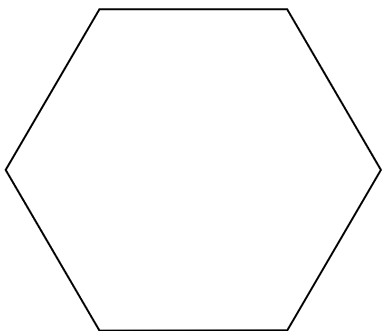
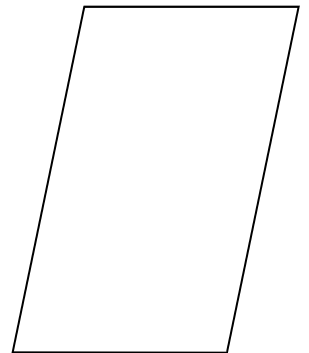
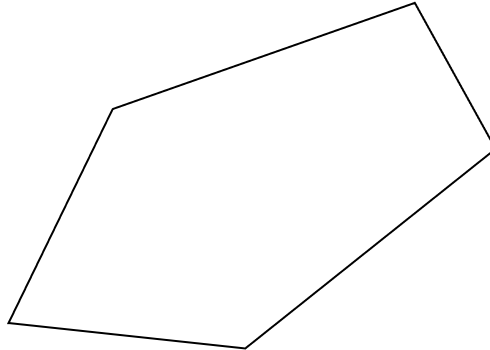
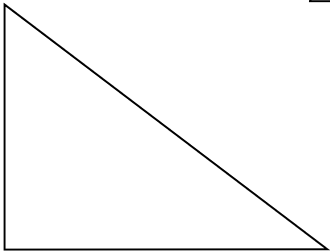
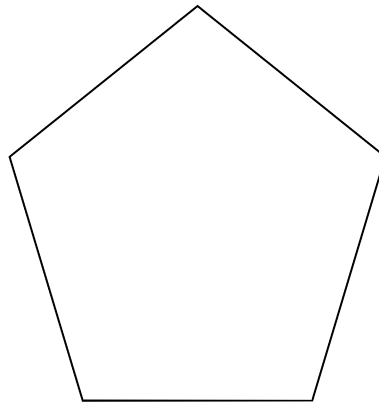
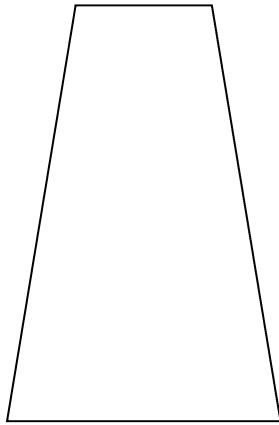
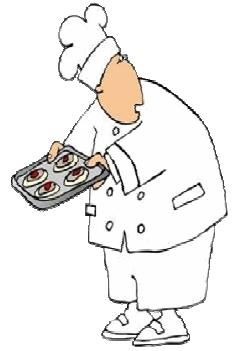
He closes the shop **four and a half hours later**.

13. Tick (✓) the clock that shows when the baker closes his shop.



When the baker is making biscuits he uses biscuit cutters.

These are the shapes of his biscuit cutters.



14. Tick (✓) the biscuit cutters that are **pentagons**.

Here is a set of **24** candles.



15. The candlestick maker sells **half** the set.

How many does he sell?

candles

16. The candlestick maker's shortest candle is 6 centimetres in length.

Draw a line that is **6 centimetres** long.

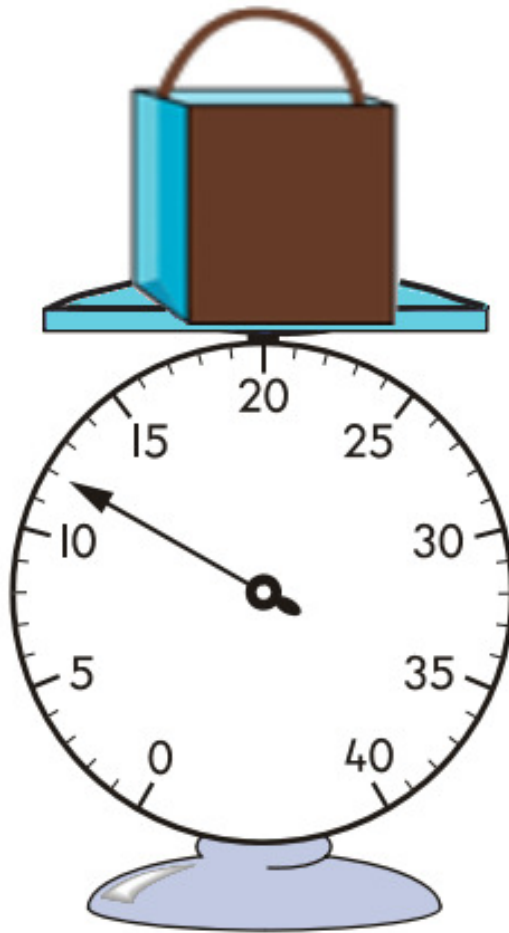
Use a ruler.

17. Can you help the butcher with this number problem?

$$30 + 60 + 40 =$$



The fox has weighed his bag.



18. Tick (✓) the box that shows the **weight** of the fox's bag.

12 metres

21 kilograms

12 kilograms

12 litres