

Name:

Date:

The boy Who Cried Wolf Maths Challenge



The Boy Who cried Wolf had to solve some tricky maths problems during his adventures. Could you have helped him? 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.

Practice question

Can you help The Boy Who Cried Wolf with this problem?

Which number is **double** 13?

1. Can you help the wolf match each number in the box to the nearest **10** ?

to the nearest **10**

180	168
170	181
140	159
160	142



It takes the villagers **10** minutes to run up the hill and **15** minutes to walk down the hill.

2. How long does it take them to go **up** and **down** the hill?

minutes

3. The boy must draw rings around all the numbers that are **greater than** 178?

Can you help?

179

122

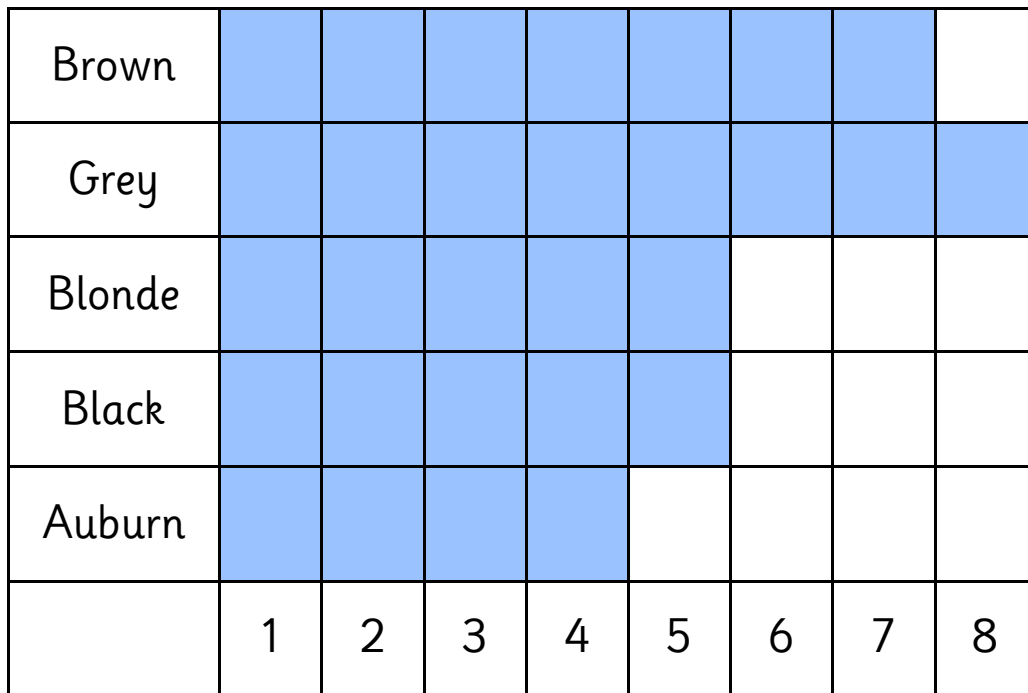
192

202

139

95

Here is a graph showing the hair colours of the villagers.

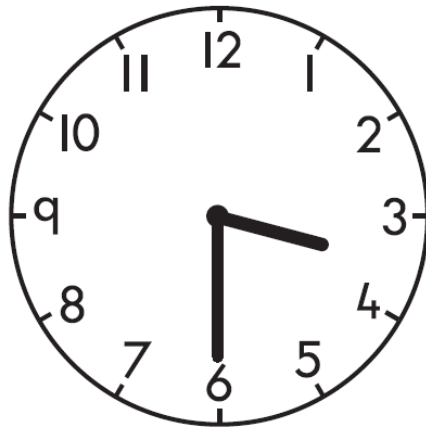


Number of Villagers

4. How many villagers have black hair?

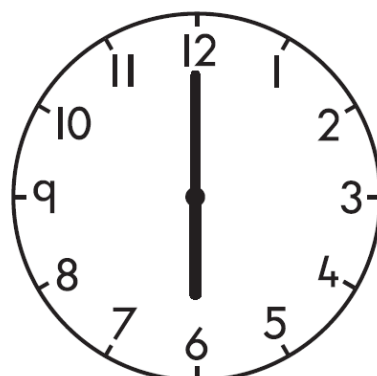
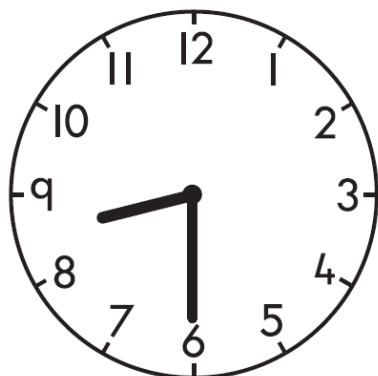
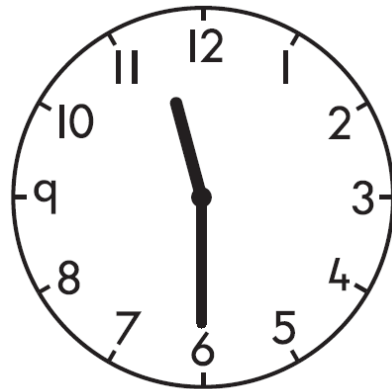
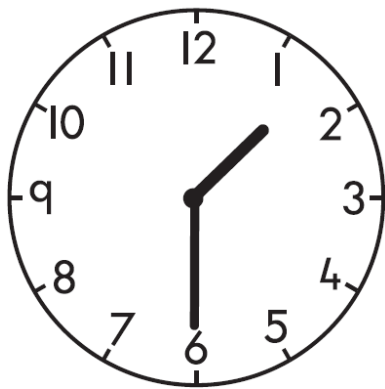
5. What colour hair do most villagers have?

The boy cried wolf at this time.



The villagers came **two and a half hours later**.

6. Tick (✓) the clock that shows when the villagers came.



For his lunch, the boy bought 2 apples. He has £1.
Each apple costs 35p



35p



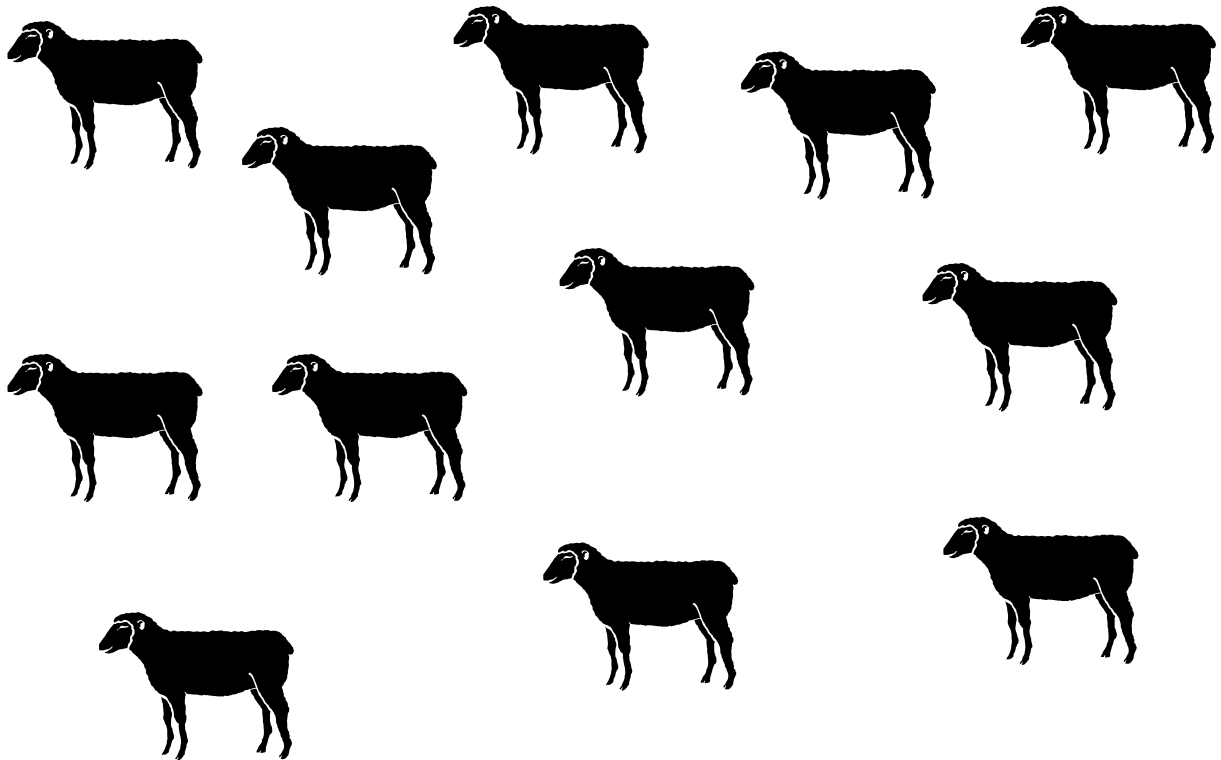
35p

7. How much money does he have left?

Show how you work it out in the box.

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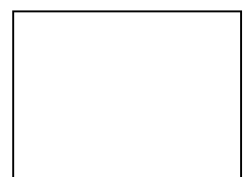
Here are some of the sheep.



Half the sheep are male. The rest are female.

8. How many sheep are male?

Show how you work it out in this box.



9. The old man walks on all the numbers from **smallest** to **largest**.

Draw arrows to show the path he takes.

17

25

73

99

8

56

100



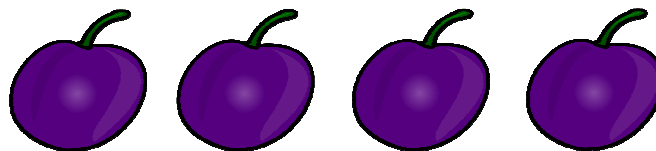
The boy has 18 grapes in his packed lunch.

He puts them into threes like this.



10. How many **threes** can he make altogether?

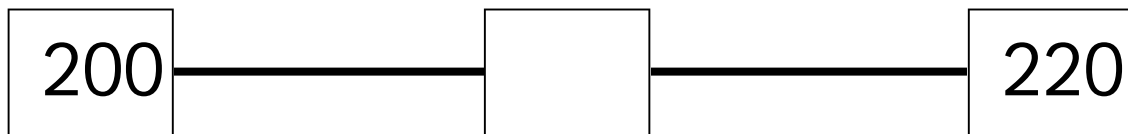
He puts the same number of grapes into **fours** like this.



11. How many **fours** can he make altogether?

12. The wolf must find out which number comes **halfway** between these number?

Can you help?



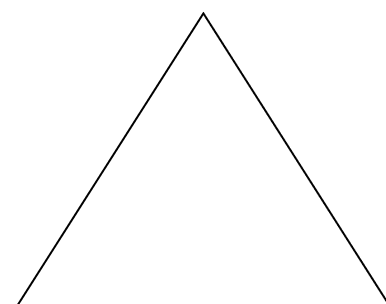
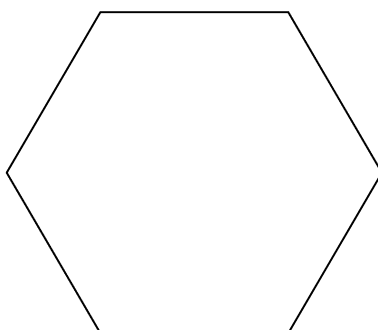
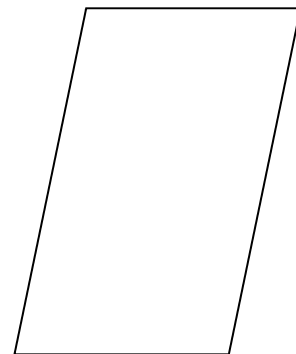
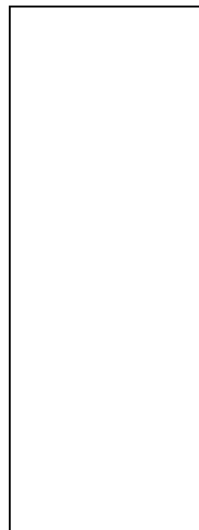
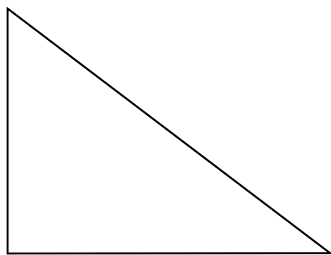
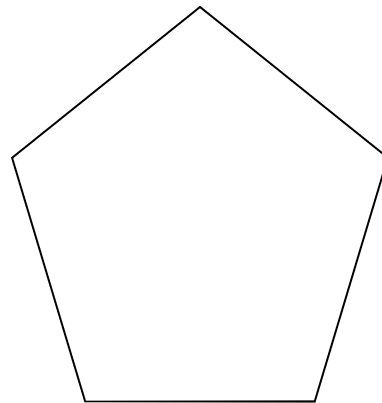
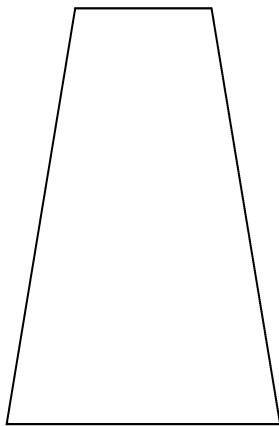
13. The wolf's whiskers are **8** centimetres long.

Draw a line that is **8** centimetres long.

Use a ruler.

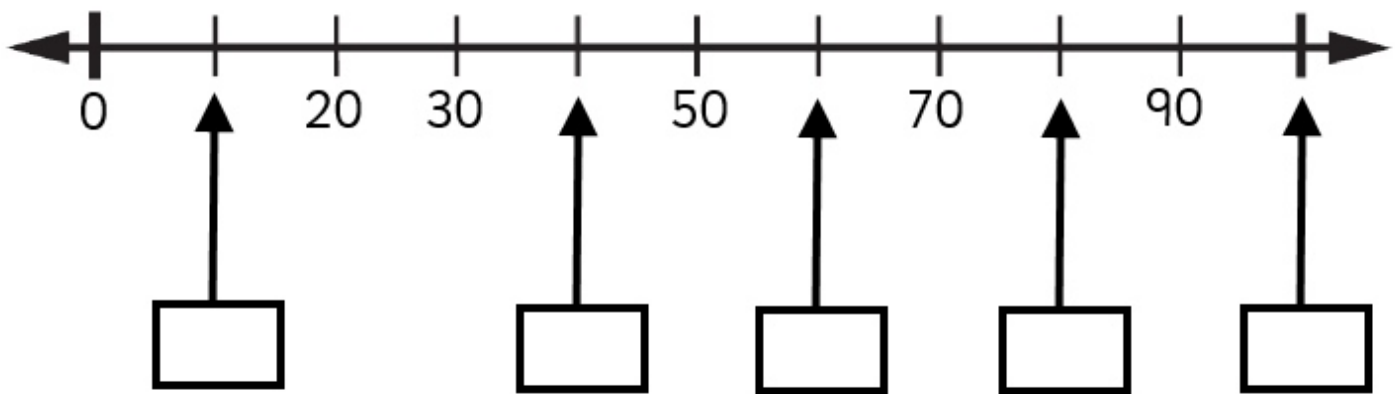
The doors on the villagers houses are different shapes and sizes but they all have **4** corners.

14. Tick (✓) the shapes that would **not** be used as doors.



The villagers are trying to count their sheep. They use a number line to help them but some of the numbers are missing.

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



16. Can you help the villagers with this number problem?

$$35 + 43 + 12 = \boxed{}$$