

Year 3

Addition and Subtraction Reasoning

Q1.

The sum of two numbers is 100

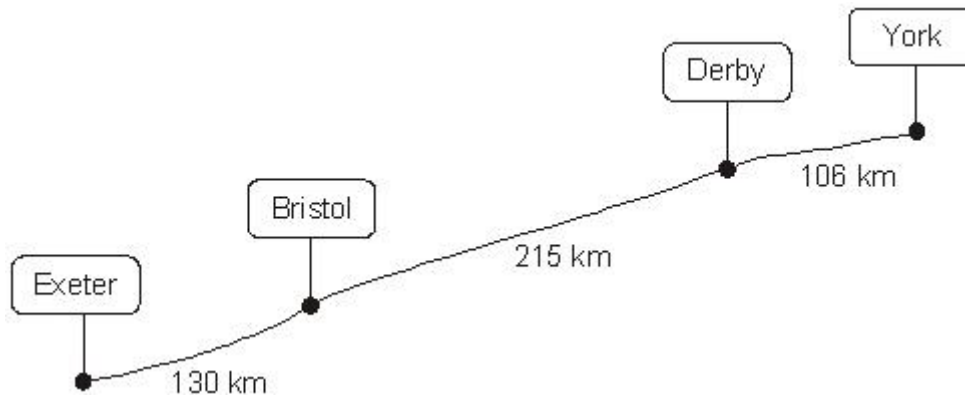
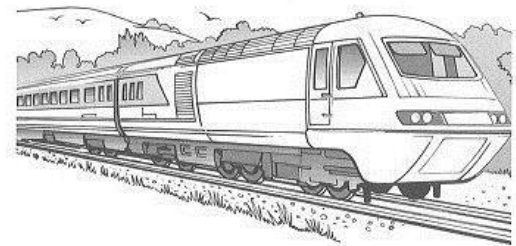
Write in the missing digits.

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array} = \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array}$$

1 mark

Q2.

The diagram shows distances on a train journey from Exeter to York.



How many kilometres is it altogether from **Exeter** to **York**?

km

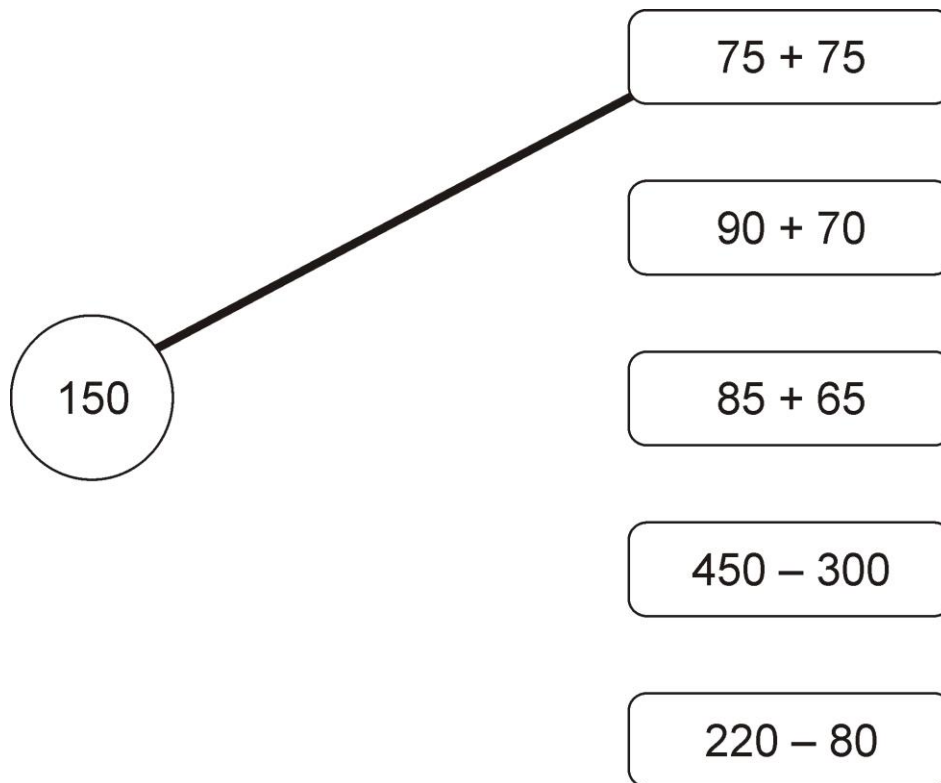
1 mark

What is the distance from **Derby** to **York** rounded to the nearest 10 km?

km

Q3.

Draw lines to join the circle to **two more** number cards which make **150**



2 marks

Q4.

The numbers in this sequence increase by 14 each time.

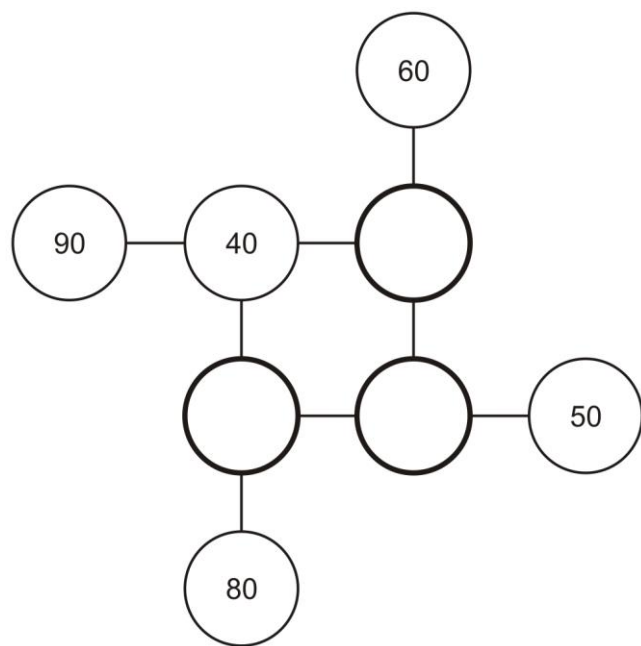
Write the missing numbers.



2 marks

Q5.

Complete this diagram so that the three numbers in each line add up to **150**



1 mark

Q6.

Write the missing number.

One is done for you.

180 $\xrightarrow{\text{is 20 more than}}$ 160

$\xrightarrow{\text{is 20 more than}}$ 237

1 mark

Q7.

Joe has a box of 72 chocolates.



He gives 18 of the chocolates to his friends.

How many chocolates are left in the box?

1 mark

Holly has a box of mints.



She has 10 friends.

She gives them 5 mints each.

She has 13 mints left.

How many mints were in the box at the start?

1 mark

Q8.

The numbers in this sequence increase by the same amount each time.

Write the two missing numbers.

610

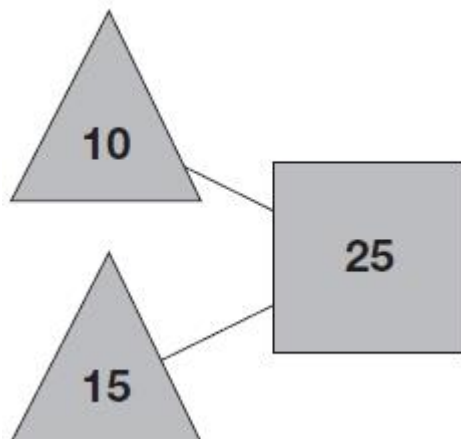
650

690

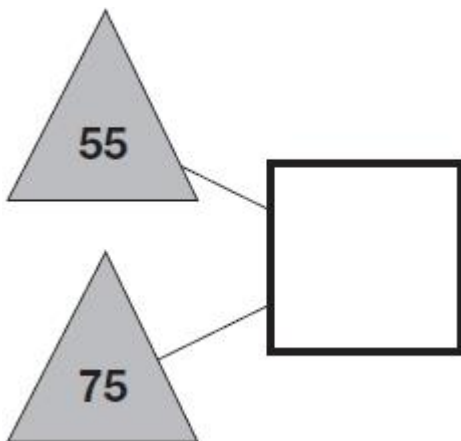
2 marks

Q9.

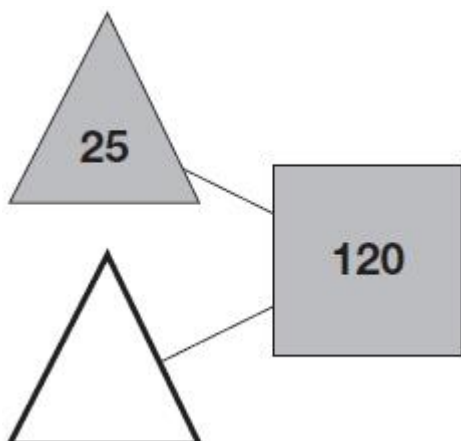
The numbers in the two triangles add up to the number in the square.



Using the **same** rule, write in the missing numbers.



1 mark



1 mark

Q10.

Write in the missing number.

$$1 + 10 + \boxed{} = 100$$

1 mark