

Check your progress

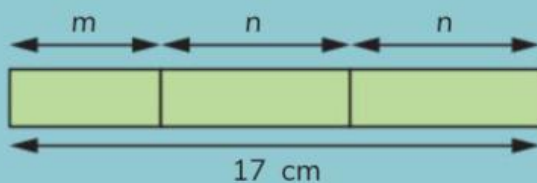
- 1 Copy and complete this calculation.

$$\begin{array}{r} \begin{array}{|c|c|c|c|c|} \hline 4 & 3 & 2 & & 9 \\ \hline \end{array} \\ + \quad \begin{array}{|c|c|c|c|} \hline 8 & 5 & 2 & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|c|} \hline & 1 & 7 & 8 & 5 \\ \hline \end{array} \\ \hline \end{array}$$

- 2 The table shows the temperatures in six cities on the same day in January.

City	Temperature
Buenos Aires	29 °C
Tallinn	−1 °C
Abu Dhabi	18 °C
Moscow	−10 °C
Oslo	−5 °C
Vancouver	7 °C

- a The temperature in Moscow rises by 5 °C. What is the new temperature?
- b What is the difference between the temperatures in Tallinn and Moscow?
- 3 The diagram shows three strips placed end to end. m and n represent the lengths, in centimetres, of strips of card. The total length is 17 cm.



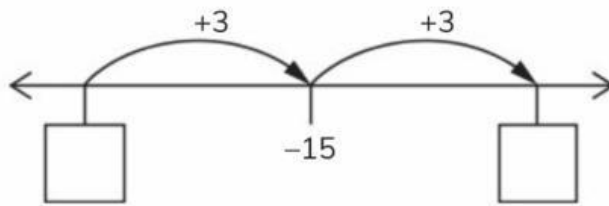
Tip

Remember that the diagram shows $m + n + n = 17$.
Compare this number sentence with $m + n = 10$ to find the value of n .

Lisa knows that $m + n = 10$

Show how she can find the value of m and n .

4. Use the number line to help you answer these questions.



a $-15 - 3 = \square$

b $\square + 3 = -15$

5. x and y each represent a number that is a multiple of 5.

$$x + y = 50$$

Write all the possible values of x and y .

One is done for you.

x	5								
y	45								

6. Martha buys 2 more pairs of socks than shoes.



a Copy and complete the table where x represents the number of pairs of shoes and y represents the number of pairs of socks.

x	1	2	
y	3		6

b Write a number sentence linking x , y and 2.