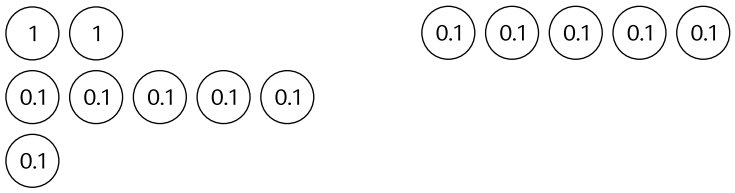
EXERCISE 2

1. Add.

(a)



$2.6 + 0.5 =$

(b)

$2.4 + 3 =$

(c) $4.5 + 6 =$

(d) $5.4 + 0.8 =$

2. Add.

(a) $3.2 + 1.8 =$

$$\begin{array}{r} 3.2 \\ +\ 1.8 \\ \hline \end{array}$$

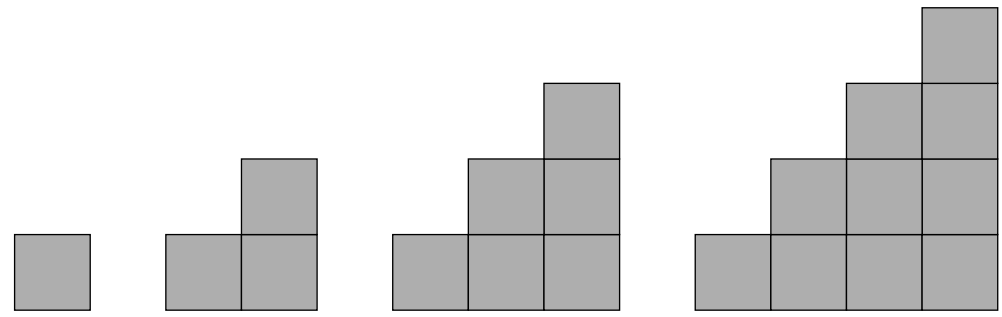
(b) $4.6 + 3.7 =$

(c) $5.9 + 7.8$

(d) $8.4 + 7.9 =$

EXERCISE 3

1. Squares, with sides 1 cm, are used to make stairs. How does the perimeter change as the number of steps increases?



(a) Complete the table by filling in the perimeters.

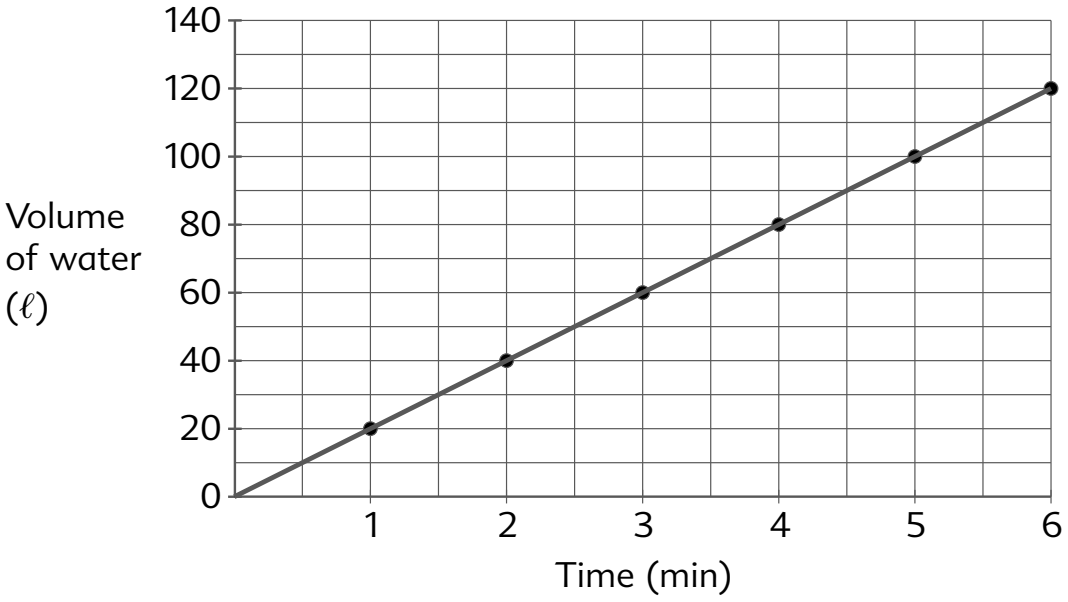
Number of steps	1	2	3	4	5	6		*n*
Perimeter (cm)								

(b) Write a formula for the perimeter, using P to stand for perimeter and n to stand for the number of steps.

$P =$

(c) What is the perimeter if the number of steps is 20?

2. A tap was turned on for 6 minutes to fill a tank with water. The line graph shows the volume of water in the tank at the end of each minute. Study the graph and answer the questions which follow.



(a) How long did it take to fill the tank with 60 liters of water? _____

(b) How long did it take to fill the tank with 90 liters of water? _____

(c) How much water was in the tank at the end of 2 minutes? _____

(d) How much water was in the tank at the end of $3\frac{1}{2}$ minutes? _____

(e) (i) Complete the following.

Time (min)	1	2	3	4	5
Volume of water (ℓ)					

(ii) Write an equation to relate the volume of water (V) to the time (t).

$V =$ _____