

1. Complete the enlargement of the shaded shape with a scale factor of 4

(i) Write down the edge lengths.
(ii) Work out the EDGE lengths.
edge \times scale factor = EDGE
(iii) Complete the enlarged shape.

$3 \text{ cm} \times 4 = \dots \text{ cm}$

$\dots \text{ cm} \times \dots = \dots \text{ cm}$

2. Complete the enlargement of the shaded shape with a scale factor of 5

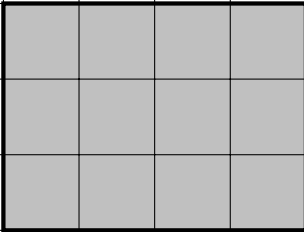
(i) Write down the edge lengths.
(ii) Work out the EDGE lengths.
edge \times scale factor = EDGE
(iii) Complete the enlarged shape.

$\dots \text{ cm} \times \dots = \dots \text{ cm}$

$3 \text{ cm} \times 5 = \dots \text{ cm}$

3. Complete the enlargement of the shaded shape with a scale factor of 3

(i) Write down the edge lengths.
 (ii) Work out the EDGE lengths.
 edge \times scale factor = EDGE
 (iii) Complete the enlarged shape.




... cm

 \times ... = ... cm

4 cm

 \times 3 = ... cm



Answers

1. Enlargement scale factor of 4

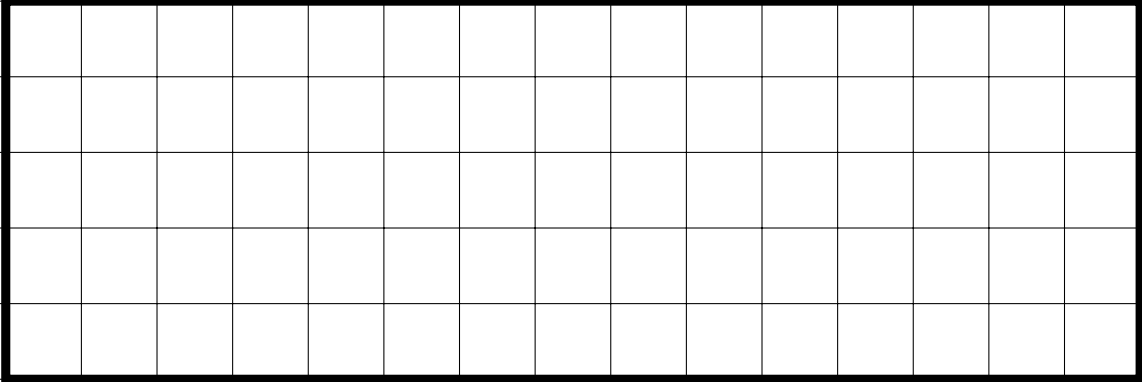
(i) Write down the edge lengths.
(ii) Work out the EDGE lengths.
edge \times scale factor = EDGE
(iii) Complete the enlarged shape.

$3 \text{ cm} \times 4 = \dots \text{ cm}$

$\dots \text{ cm} \times \dots = \dots \text{ cm}$

2. Complete the enlargement of the shaded shape with a scale factor of 5

(i) Write down the edge lengths.
(ii) Work out the EDGE lengths.
edge \times scale factor = EDGE
(iii) Complete the enlarged shape.



$\dots \text{ cm} \times \dots = \dots \text{ cm}$

$3 \text{ cm} \times 5 = \dots \text{ cm}$

3. Complete the enlargement of the shaded shape with a scale factor of 3

(i) Write down the edge lengths.
(ii) Work out the EDGE lengths.
edge \times scale factor = EDGE
(iii) Complete the enlarged shape.

$4 \text{ cm} \times 3 = \dots \text{ cm}$

$\dots \text{ cm} \times \dots = \dots \text{ cm}$

