

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

(i) Complete the edge lengths.
 (ii) Use the teacher's calculations
 $\text{edge} \times \text{scale factor} = \text{EDGE}$
 to complete the enlarged shape.

$\dots \text{ cm} \times 3 = 9 \text{ cm}$

$\dots \text{ cm} \times 3 = 6 \text{ cm}$

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

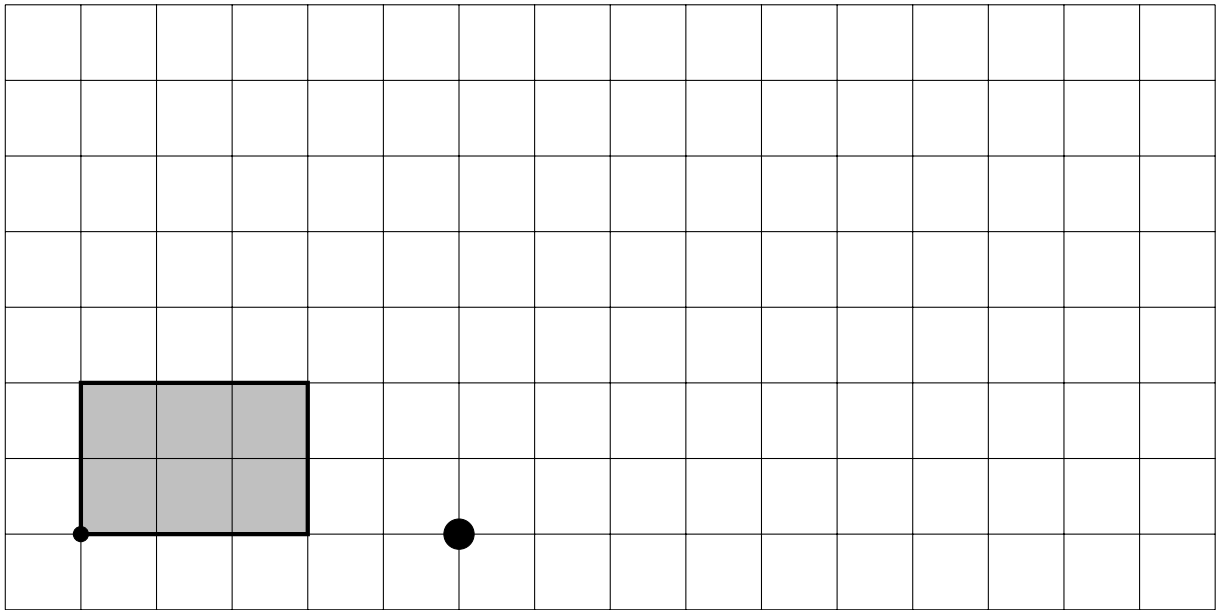
(i) Write down the edge lengths.
 (ii) Work out the EDGE lengths.
 $\text{edge} \times \text{scale factor} = \text{EDGE}$
 (iii) Complete the enlarged shape.

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

$3 \text{ cm} \times 2 = \dots \text{ cm}$

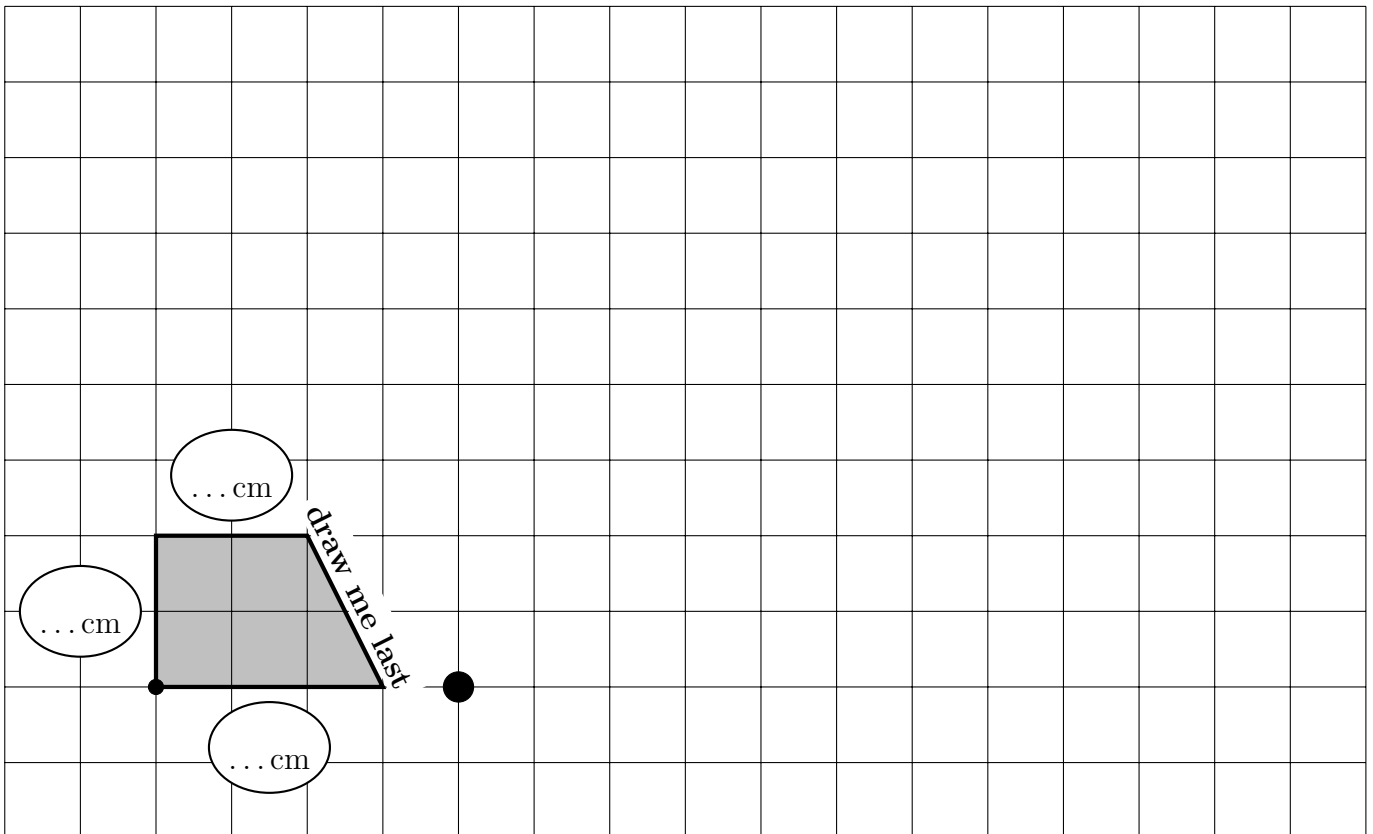
3. (a) Draw an enlargement of the shaded shape with a scale factor of 3

You may use the formula: $\text{edge} \times \text{scale factor} = \text{EDGE}$

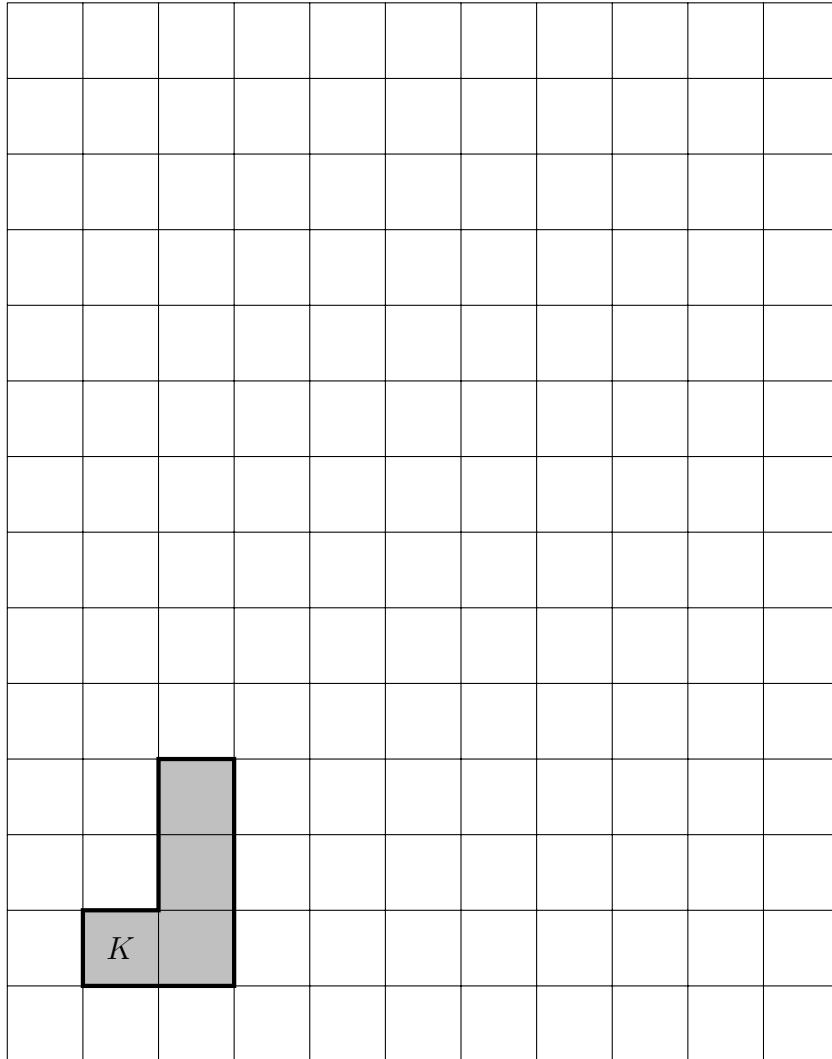


(b) Draw an enlargement of the shaded shape with a scale factor of 4

You may use the formula: $\text{edge} \times \text{scale factor} = \text{EDGE}$



4. Draw an enlargement of shape K scale factor 3.

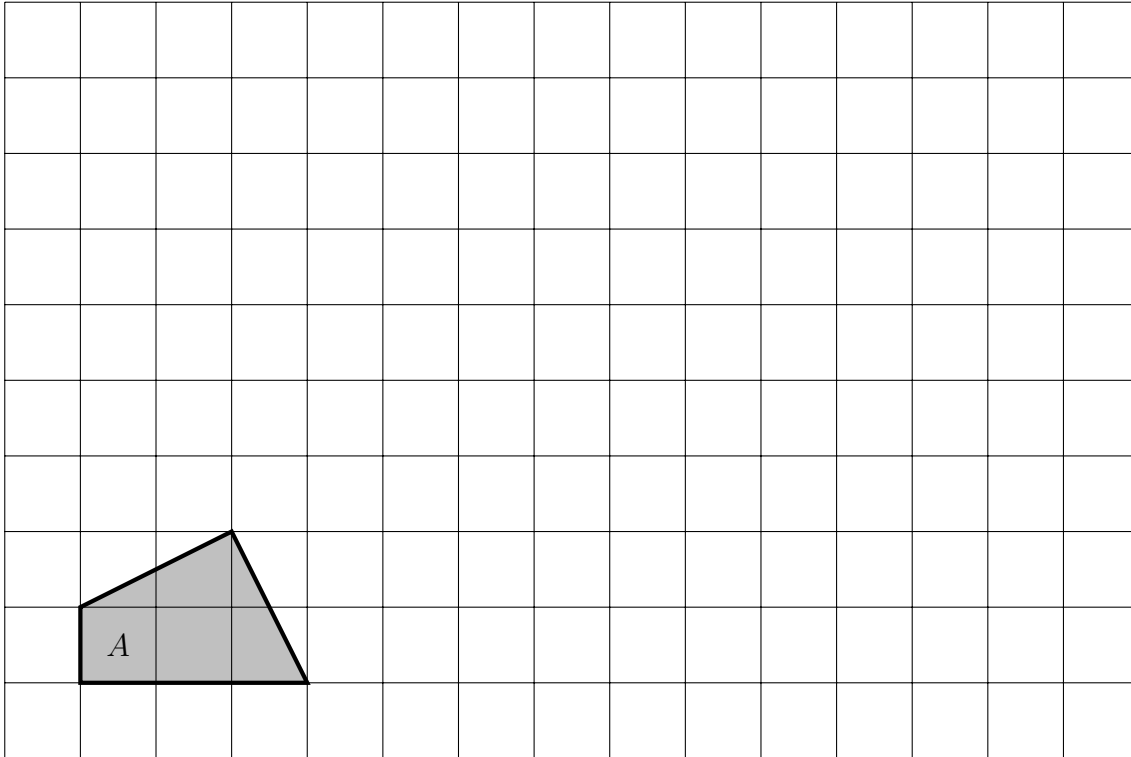


{scale factor 2 or scale factor 3}

{no sloping sides, no axes}

{no centre given}

5. {enlargement scale factor 2 or 3 or 4 , with sloping sides, no axes, no centre given}



Draw an enlargement of shape A scale factor 3.

6. Describe fully the transformation that maps shape A onto shape B. {enlargement}

