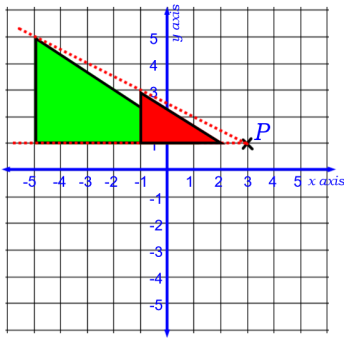
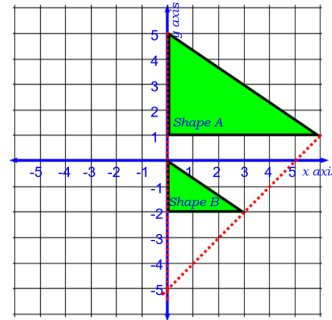


Lots of SHAPE 6 PLUS Answers in RED

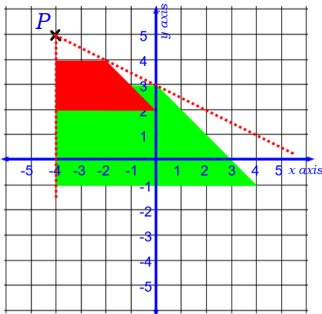


Enlarge this shape with
Scale Factor $\frac{1}{2}$ and
centre of enlargement point P

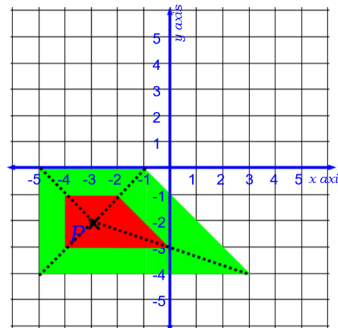


Describe this transformation from
shape A to shape B

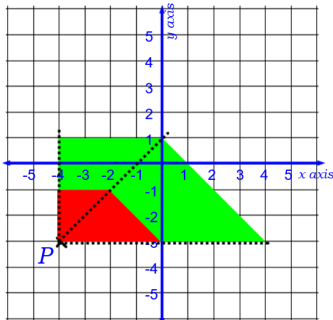
Enlargement scale
factor $\frac{1}{2}$ with centre of
enlargement (0,-5)



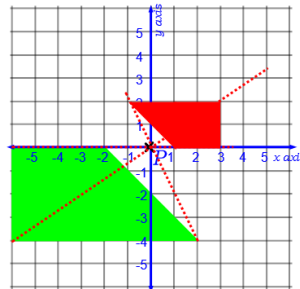
Enlarge this shape with
Scale Factor $\frac{1}{2}$ and
centre of enlargement point P



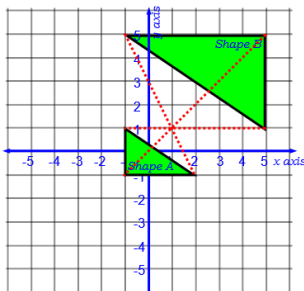
Enlarge this shape with
Scale Factor $\frac{1}{2}$ and
centre of enlargement point P



Enlarge this shape with
Scale Factor $\frac{1}{2}$ and
centre of enlargement point P

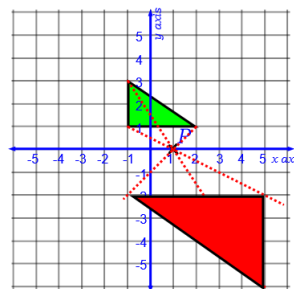


Enlarge this shape with
Scale Factor $-\frac{1}{2}$ and
centre of enlargement point P

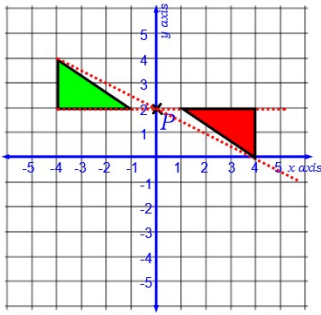


Describe this transformation from
shape A to shape B

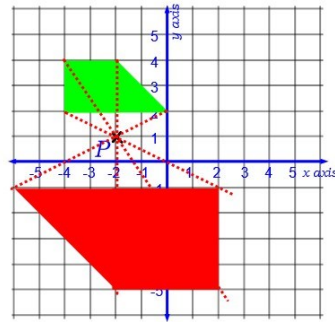
Enlargement scale
factor -2 with centre of
enlargement (1,1)



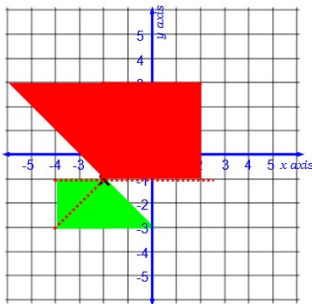
Enlarge this shape with
Scale Factor -2 and
centre of enlargement point P



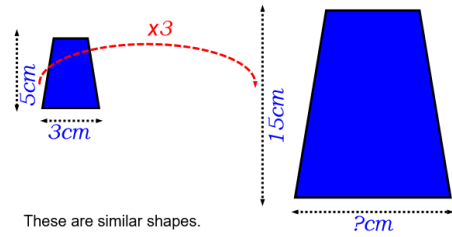
Enlarge this shape with
Scale Factor -1 and
centre of enlargement point P



Enlarge this shape with
Scale Factor -2 and
centre of enlargement point P



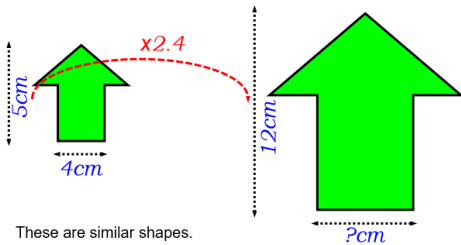
Enlarge this shape with
Scale Factor -2 and
centre of enlargement point P



These are similar shapes.
Find the missing length.

$$\text{Linear Scale Factor} = 3$$

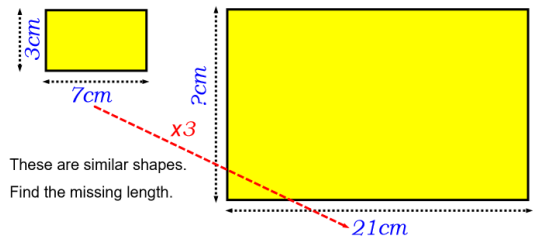
$$? = 3 \times 3 = 9\text{cm}$$



These are similar shapes.
Find the missing length.

$$\text{Linear Scale Factor} = 2.4$$

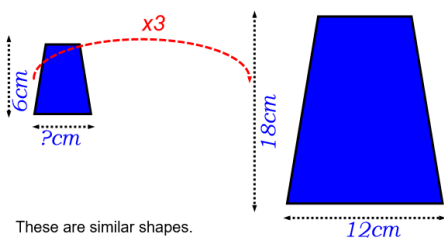
$$? = 4 \times 2.4 = 9.6\text{cm}$$



These are similar shapes.
Find the missing length.

$$\text{Linear Scale Factor} = 3$$

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

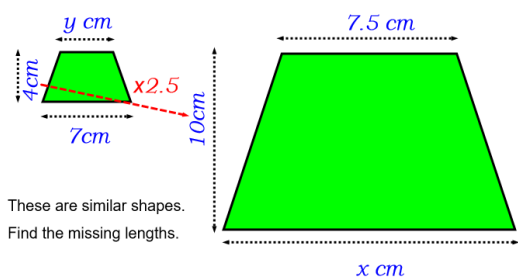


These are similar shapes.
Find the missing length.

$$\text{Linear Scale Factor} = 3$$

$$? \times 3 = 12\text{cm}$$

$$? = 4\text{cm}$$



These are similar shapes.
Find the missing lengths.

$$\text{Linear Scale Factor} = 2.5$$

$$y \times 2.5 = 7.5\text{cm} \text{ so then } y = 3\text{cm}$$

$$7 \times 2.5 = x\text{cm} \text{ so then } x = 17.5\text{cm}$$