Lots of SHAPE 6 PLUS

Enlarge this shape with Scale Factor $^1/_2$ and centre of enlargement point P

Describe this transformation from shape A to shape B

Enlarge this shape with Scale Factor $^1/_2$ and centre of enlargement point P

Enlarge this shape with Scale Factor $^1/_2$ and centre of enlargement point P

Enlarge this shape with Scale Factor $^1/_2$ and centre of enlargement point P

Enlarge this shape with Scale Factor $-^1/_2$ and centre of enlargement point P

Describe this transformation from shape A to shape B

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.

6cm ?cm 18cm 12cm

These are similar shapes.
Find the missing length.

5cm 4cm 12cm ?cm

These are similar shapes.
Find the missing length.

3cm 7cm ?cm 21cm

These are similar shapes.
Find the missing length.

5cm 3cm 15cm ?cm

These are similar shapes.
Find the missing lengths.

4cm 7cm 7.5 cm 10cm x cm