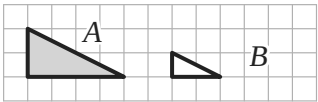
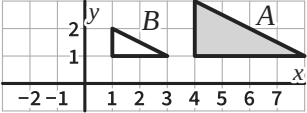
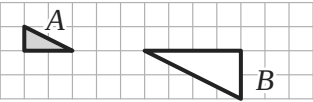
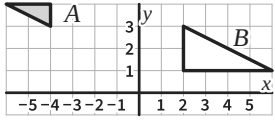
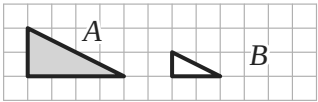
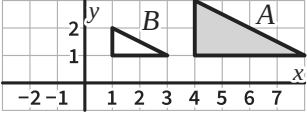
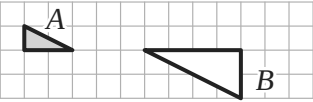
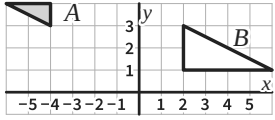


Enlargement *ramp up*

a Find the scale factor from <i>A</i> to <i>B</i>  _____	b Enlarge (6, 4) by scale factor $\frac{1}{2}$, centre (0, 0). Give the new point. _____	c Enlarge (7, 5) by scale factor $\frac{1}{2}$, centre (1, 1). Give the new point. _____	d <i>A</i> to <i>B</i> is scale factor 3. Find the scale factor <i>B</i> to <i>A</i>. _____
e A 6 cm line is enlarged by scale factor $\frac{2}{3}$. Find its new length. _____	f Find the centre of enlargement  _____	g Find the scale factor from <i>A</i> to <i>B</i>  _____	h A 3 cm line is enlarged by scale factor -2. Find its new length. _____
i Enlarge (2, 1) by scale factor -2, centre (0, 0). Give the new point. _____	j Enlarge (3, 2) by scale factor -2, centre (1, 1). Give the new point. _____	k Which single transformation is the same as scale factor -1? _____	l Find the centre of enlargement  _____

The Maths Habit

Enlargement *ramp up*

a Find the scale factor from <i>A</i> to <i>B</i>  _____	b Enlarge (6, 4) by scale factor $\frac{1}{2}$, centre (0, 0). Give the new point. _____	c Enlarge (7, 5) by scale factor $\frac{1}{2}$, centre (1, 1). Give the new point. _____	d <i>A</i> to <i>B</i> is scale factor 3. Find the scale factor <i>B</i> to <i>A</i>. _____
e A 6 cm line is enlarged by scale factor $\frac{2}{3}$. Find its new length. _____	f Find the centre of enlargement  _____	g Find the scale factor from <i>A</i> to <i>B</i>  _____	h A 3 cm line is enlarged by scale factor -2. Find its new length. _____
i Enlarge (2, 1) by scale factor -2, centre (0, 0). Give the new point. _____	j Enlarge (3, 2) by scale factor -2, centre (1, 1). Give the new point. _____	k Which single transformation is the same as scale factor -1? _____	l Find the centre of enlargement  _____

The Maths Habit