Enlargement with a negative scale factor
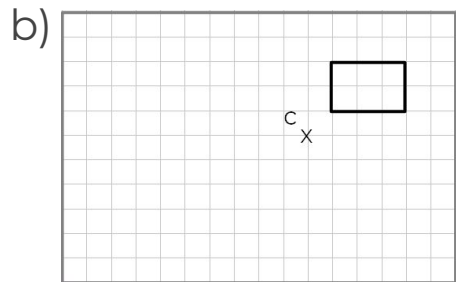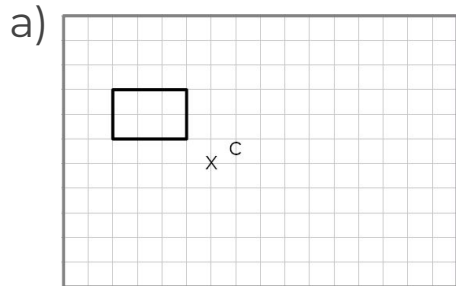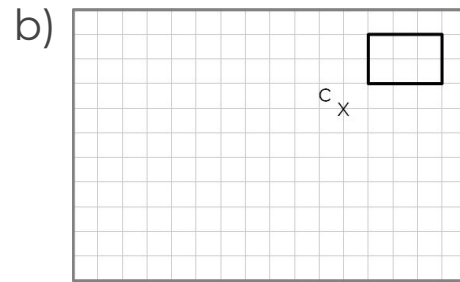
Maths

Mr Chan
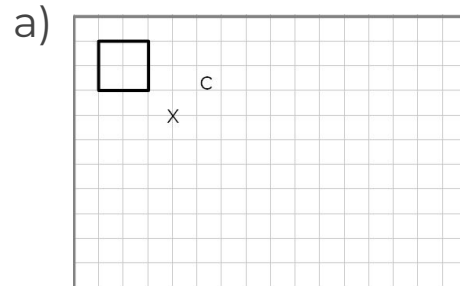
Enlargement with a negative scale factor

1. Enlarge each shape by a scale factor of -1 from the centre of enlargement C
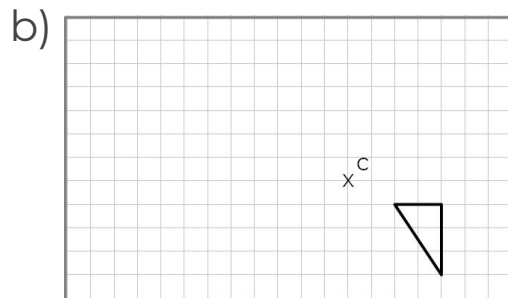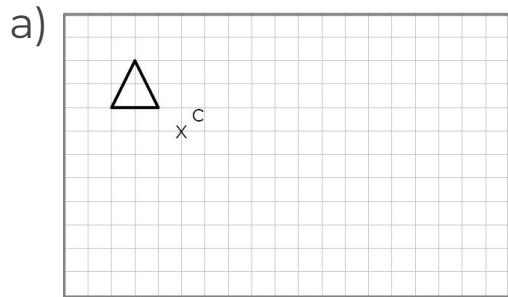
a)

b)

2. Enlarge each shape by a scale factor of -2 from the centre of enlargement C
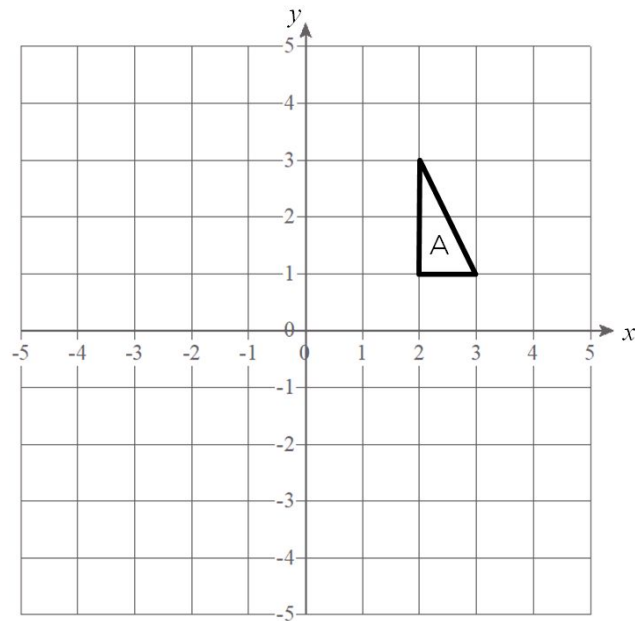
a)

b)

Enlargement with a negative scale factor

3. Enlarge each shape by a scale factor of -1 from the centre of enlargement C

a)

b)

4. Enlarge triangle A by a scale factor – 1.5, with centre of enlargement (0,0)
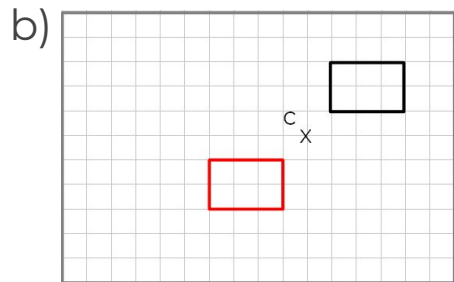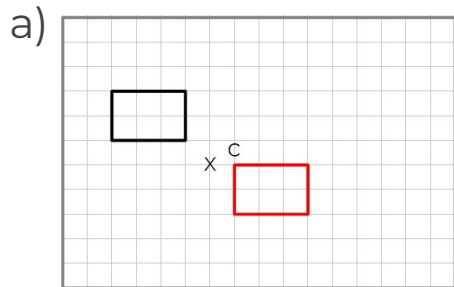
Answers

Enlargement with a negative scale factor

1. Enlarge each shape by a scale factor of -1 from the centre of enlargement C

a)

b)

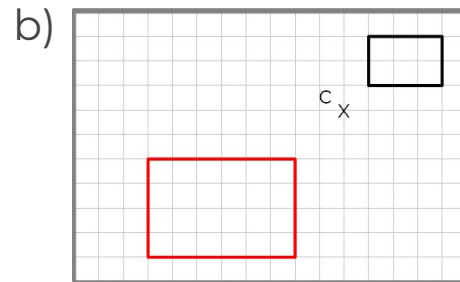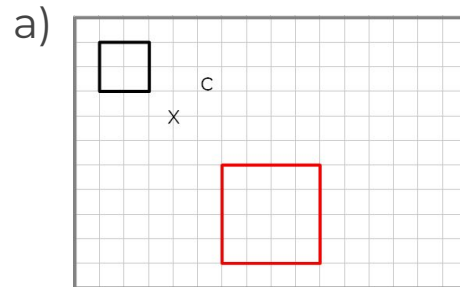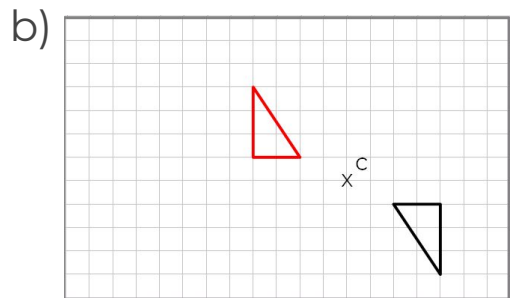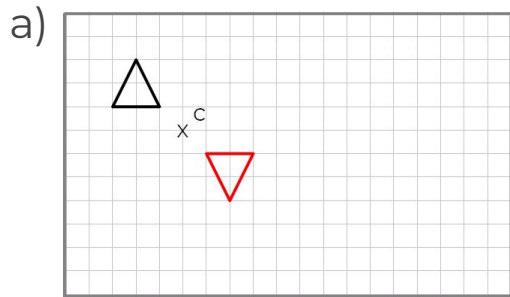2. Enlarge each shape by a scale factor of -2 from the centre of enlargement C

a)

b)

Enlargement with a negative scale factor

3. Enlarge each shape by a scale factor of -1 from the centre of enlargement C

a)

b)

4. Enlarge triangle A by a scale factor − 1.5, with centre of enlargement (0,0)