Rotate an Object around a Given Point

Maths

Miss Davies

Rotate an Object around a Given Point
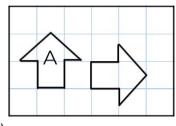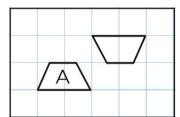
1. For each shape A identify
- the angle of rotation
- the direction of turn.

a)

b)

c)

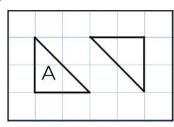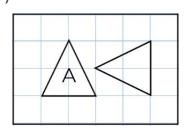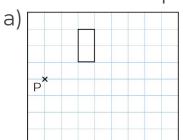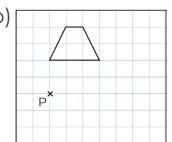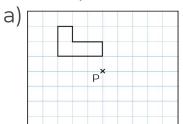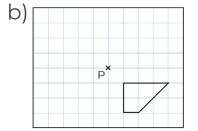d)

2. Rotate each shape 90° clockwise, around centre point P.

a)

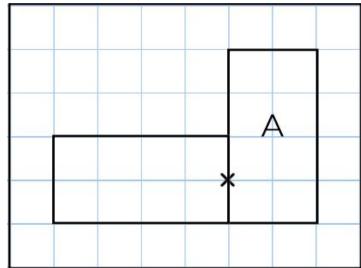b)

3. Rotate each shape 180°, around centre point P.

a)
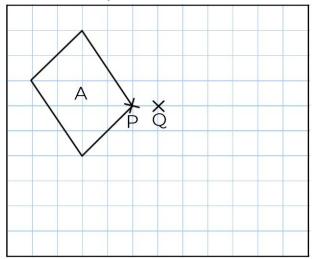

b)

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4. Carl has rotated shape A 90° anticlockwise, and has marked an incorrect centre of rotation.

Mark the correct centre of rotation.

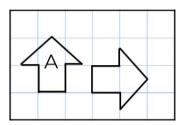5. Rotate shape A 90° anticlockwise, around centre point P. Label this B.

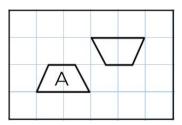Rotate shape A 180° around centre point Q. Label this C.
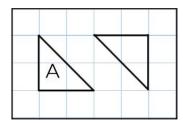
Answers

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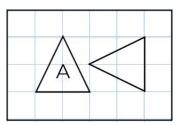1. For each shape A identify
- the angle of rotation
- the direction of turn.
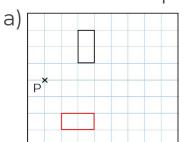
a) 90° clockwise   b) 180°
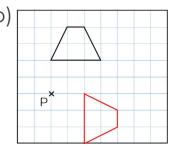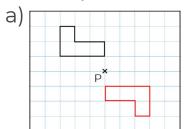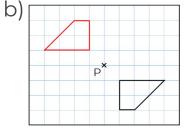
c) 180°   d) 90° anticlockwise

2. Rotate each shape 90° clockwise, around centre point P.

a)   b)

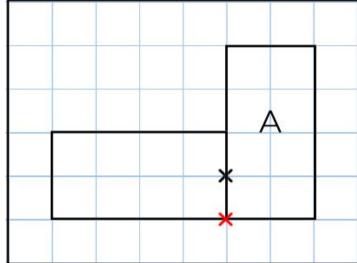3. Rotate each shape 180°, around centre point P.

a)   b)
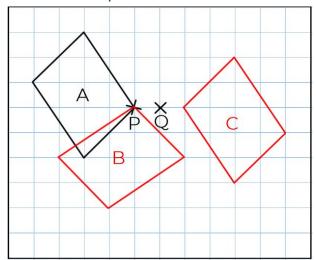
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4. Carl has rotated shape A 90º anticlockwise, and has marked an incorrect centre of rotation.

Mark the correct centre of rotation.

5. Rotate shape A 90º anticlockwise, around centre point P. Label this B.

Rotate shape A 180º around centre point Q. Label this C.