

Summer Term Maths Year 10

Rotational symmetry and rotating objects

Day 2

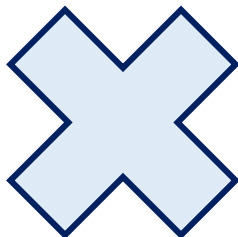
Week 7

1 State the order of rotational symmetry for each of these shapes.

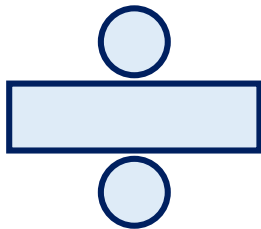
(a)



(b)



(c)



(d)

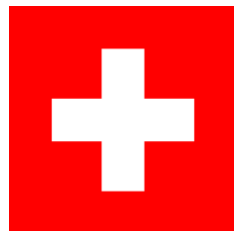


2 State the order of rotational symmetry for each flag below.

(a)

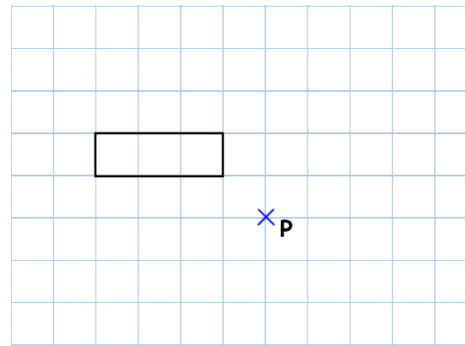


(b)

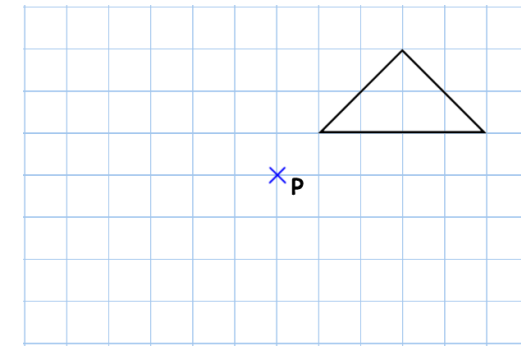


3 Rotate each shape around point P by the degrees given:

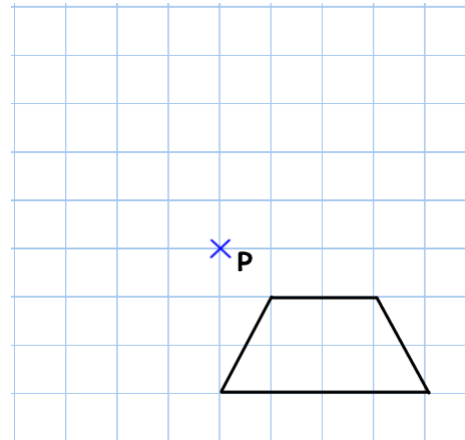
(a) 90° clockwise



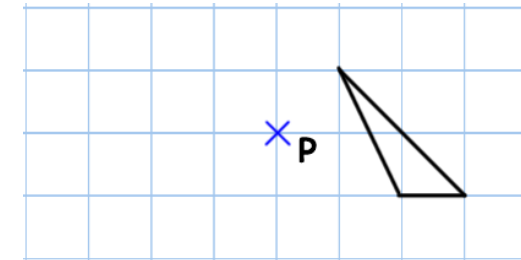
(b) 180°



(c) 270° anti-clockwise



(d) 180°



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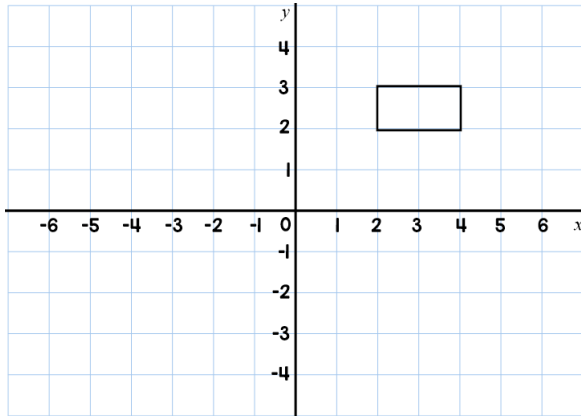
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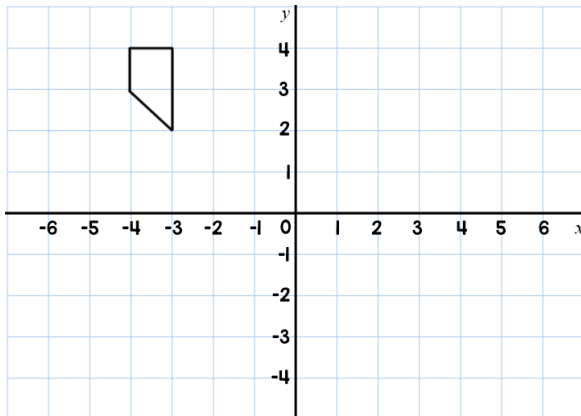
Week 7

4 Rotate each shape.

(a) 90° clockwise about $(2, 1)$

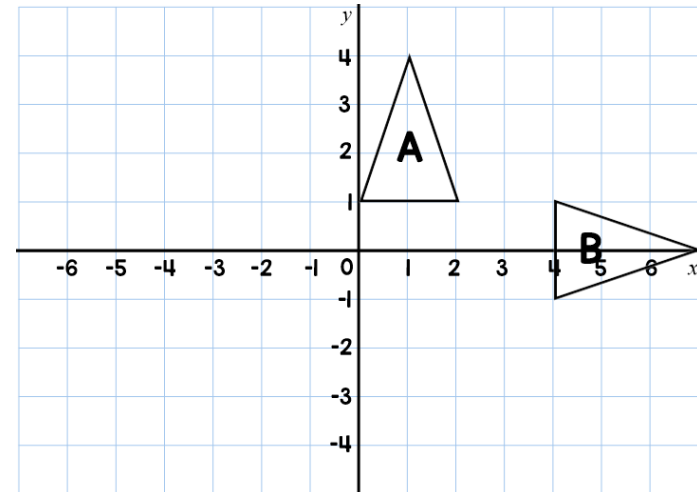


(b) 180° about $(-2, 2)$



5 Describe the rotations from A to B.

(a)



(b)

