



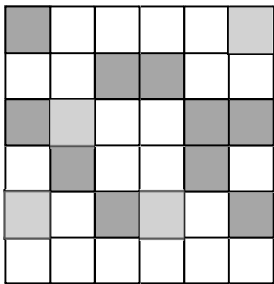
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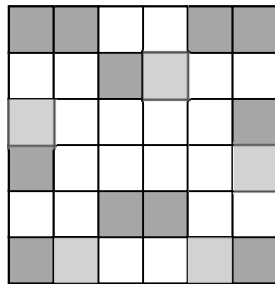
How many lines of symmetry does each shape have?

a) 4	b) 2	c) 0	d) 5	e) 1
f) 1	g) 1	h) 2	i) 1	j) 1
k) 0	l) 0	m) 6	n) 4	o) 3

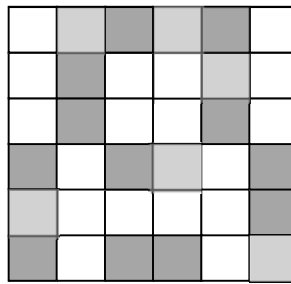
p) Shade 4 boxes so the pattern below has just 1 line of symmetry.



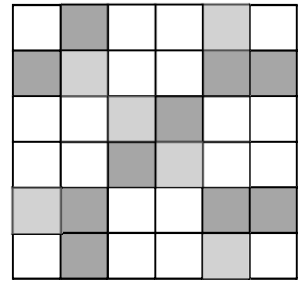
q) Shade 5 boxes so the pattern below has just 2 lines of symmetry.



r) Shade 6 boxes so the pattern below has just 1 line of symmetry.



s) Shade 6 boxes so the pattern below has just 4 lines of symmetry.



How many **planes** of symmetry do the shapes below have?

t) 2 2	u) 1 1	v) 2 2	w) 3 3
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Complete each figure – the dashed line is the line of symmetry

x)	y)	z)	a)
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Exam question:

Shade one square in each of these two Diagrams so they have **only** one line of Symmetry.

a)	b)
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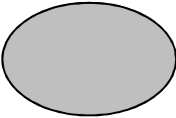
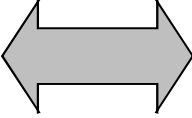
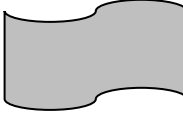

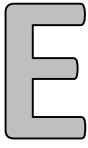
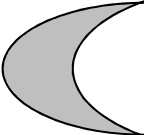
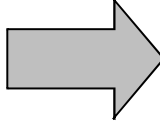
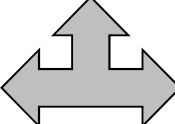
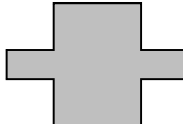
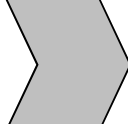
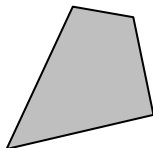
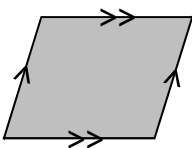
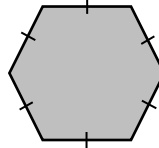
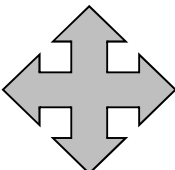
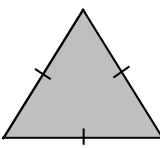




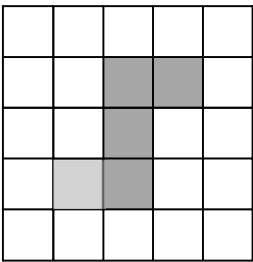
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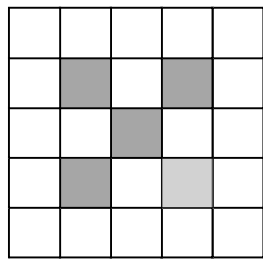
Write down the order of rotational symmetry of the shapes:

a)  2	b)  2	c)  2	d)  5	e)  1
f)  1	g)  1	h)  1	i)  2	j)  1
k)  1	l)  2	m)  6	n)  4	o)  3

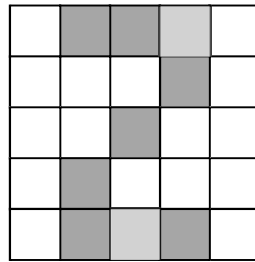
p) Shade 1 box in the pattern below so that it has a rotational symmetry of order 2



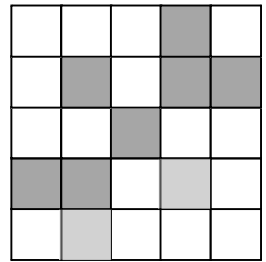
q) Shade 1 box in the pattern below so that it has a rotational symmetry of order 4



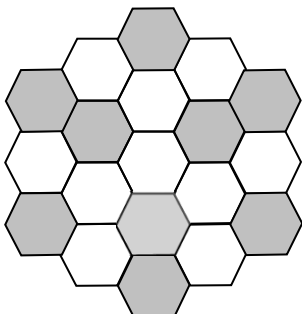
r) Shade 2 boxes in the pattern below so that it has a rotational symmetry of order 2



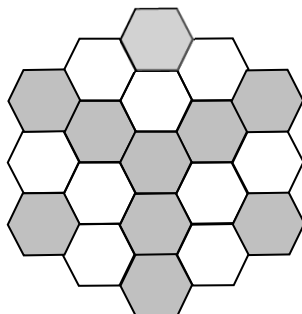
s) Shade 2 boxes in the pattern below so that it has a rotational symmetry of order 2



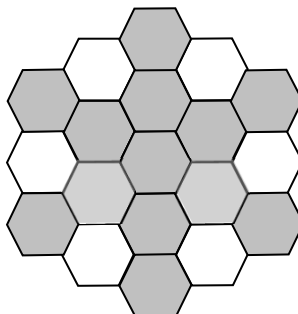
t) Shade 1 hexagon in the pattern below so that it has a rotational symmetry of order 3



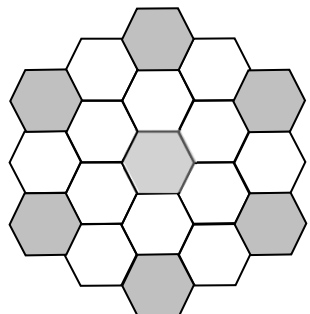
u) Shade 1 hexagon in the pattern below so that it has a rotational symmetry of order 3



v) Shade 2 hexagons in the pattern below so that it has a rotational symmetry of order 6



w) Shade 1 hexagon in the pattern below so that it has a rotational symmetry of order 6



Exam question:

Shade three squares in each of these two diagrams so they have rotational symmetry order 2.

