

Topic Test 2 Mark Scheme

Transformations - Higher

Q	Answer	Mark	Comments
1	16	B1	
2	Enlargement	B1	
3	$x = 2$	B1	
4	Reflection, $y = x$	B2	B1 for reflection B1 for $y = x$ Do not accept flip or mirror
	Rotation, 180° or half a turn	B2	B1 for rotation B1 for 180° or half a turn
	Translation, $\begin{pmatrix} 7 \\ -7 \end{pmatrix}$	B2	B1 for translation B1 for
5	Rotation	B1	
	(0, 0) or origin	B1	
	90° clockwise	B1	oe
6	Fully correct enlargement centre (2, 0)	B3	B2 for enlargement SF 3 B2 for enlargement SF2 centre (2, 0) B2 for correct shape but one side missing. B1 for vertices plotted in correct positions but shape not drawn B1 for any enlargement B1 for one correct side.

Q	Answer	Mark	Comments
7	Enlargement	B1	
	Scale factor – 2	B1	
	(8, 8)	B1	
8	1.1 seen or implied	M1	1.1 ³
	[33, 33.1]	A1	