



Q	Answer	Marks
1	Triangle B with vertices (1, -2), (3, -2), (1, 1)	2
2	Translation by the vector (4, -2): 4 right and 2 down.	2
3	Triangle with corners on the other side of the line, each the same distance from the line	2
4	a) A at (-1, 2), (-3, 2), (-1, 5) b) B at (2, -1), (2, 1), (5, -1)	4
5	Reflection in the x-axis.	2
6	a) B at (-2, -1), (-4, -1), (-2, -4) b) C at (-1, 0), (-1, 2), (-4, 0)	4
7	a) Rotation 90° clockwise about (0, 0) b) Rotation 180° about (-1, 1)	4
8	a) shape with every side twice as long, drawn anywhere on the grid b) 3	3
9	Triangle with vertices (4, 4), (10, 4), (4, 7)	3
10	a) 2 b) (1, 5)	3
11	Enlargement, scale factor 2, centre (0, 0).	2
EXTENSION QUESTIONS		
12	Triangle with vertices (2, 2), (5, 2), (2, 4)	3
13	Rotation of 180 degrees about the origin.	3
EXTENSION QUESTIONS		
14	a) B at (-4, -1), (-1, -1), (-4, -3) b) C at (1, -4), (1, -1), (3, -4) c) Reflection in the line $y = x$	5

Full worked solutions, written out by hand, are on the solutions sheet for this topic.