

Q1 june 2019

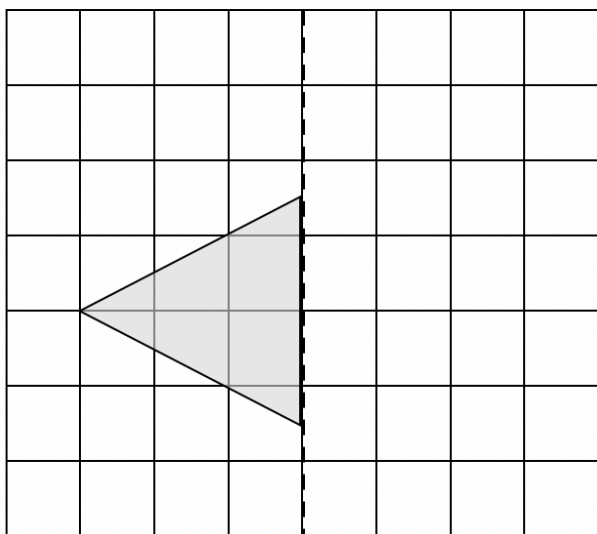
26	$c = -6$ $d = -1$	M1	for reflection in x -axis shown on diagram	Vertices (3, -2), (5, -2), (3, -5)
		A1	for $c = -6$ or $d = -1$	One correct value is M1A1 regardless of second value or diagram
		A1	for both $c = -6$ and $d = -1$	
		SCB2	for $c = -1$ and $d = -6$	

Q2 june 2020

11	Reflection	M1	for a correct reflection of the shape in any line or a correct reflection of at least 3 vertices	Allow hand-drawn
		A1	cao	

Q3 june 2022

3	Reflection shown	B1	cao
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Q4 june 2024

19	Translation $\begin{pmatrix} 5 \\ -4 \end{pmatrix}$	B1	for translation	Do not accept 5 across, 4 down or 5 right, 4 down. Condone omission of brackets around vector. Do not accept vector given as coordinate.
		B1	for $\begin{pmatrix} 5 \\ -4 \end{pmatrix}$ NB: award no marks if more than one transformation is given	

Q5 Nov 2018

19	Shape drawn	B2	for shape with vertices at (4, -3), (5, -4), (5, -5), (4, -5)	Shape does not have to be shaded. Allow some tolerance on vertices as long as they are nearest to the desired points.
		(B1)	for rotation of 180° about wrong centre	This is shown by the orientation of the shape.

Q6 Nov 2020

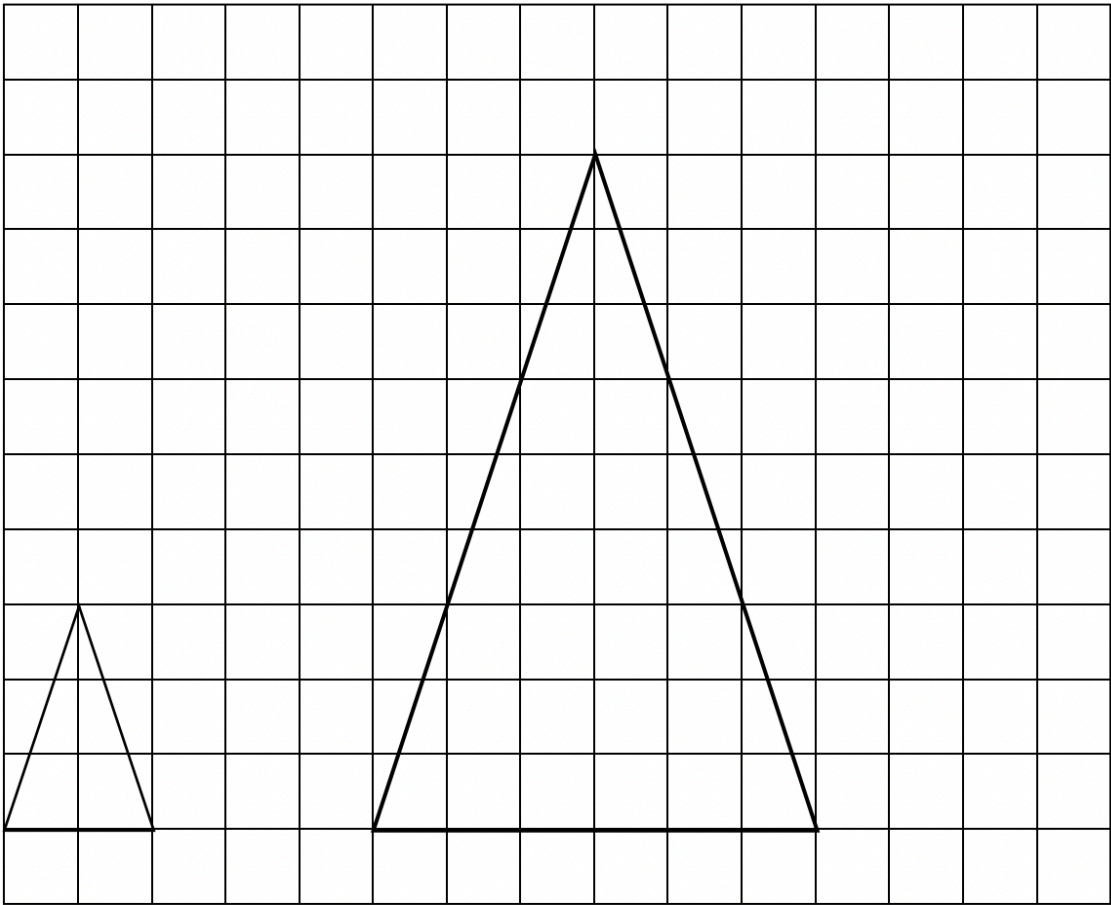
11	Reflection	M1	for a correct reflection of the shape in any line or a correct reflection of at least 3 vertices	Allow hand-drawn
		A1	cao	

Q7 Nov 2022

11	(a)(i)	2	B1	for 2	Accept $2\times$ or $\times 2$ oe
	(ii)	cross placed	B1	for cross correctly placed or indicated by intersection of construction lines	
	(b)(i)	line drawn	B1	for line $y = x$ drawn	Accept line of any length, dotted or dashed and/or drawn freehand
	(ii)	$y = x$	B1	for $y = x$ oe, eg. $x = y$ or $y - x = 0$ or $x - y = 0$ or ft their line drawn in (b)(i)	Accept labelled on the diagram

Q8 Nov 2023

11	Diagram	M1	for a correct base length (6 cm) drawn or correct height (9 cm) drawn or a fully correct enlargement of a scale factor not equal to 3
		A1	fully correct enlargement



Q9 Nov 2024

10	(a)	reflection	B2 (B1	for a fully correct reflection for a correct reflection in any single mirror line or for at least two correct reflected lines)
	(b)	$y = 1$	B1	$y = 1$ oe