

Maths Workout - Geometry & Measures

Topic 19 - Transformations 1				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Identify the image of a reflection</i>	<i>Perform a simple reflection by drawing the image of an object reflected in a line</i>	<i>Perform and describe a translation: non-vector instructions</i>	<i>Perform and describe a simple rotation about a point: multiples of 15°</i>	<i>Perform and describe a simple enlargement: no point of enlargement</i>
1. Identify the correct position of the image of an object reflected in a vertical line	1. Draw the image of a simple object reflected in a vertical line	1. Locate the image of a translated object	1. Locate the image of a rotated object rotated: shape attached to the point of rotation: top centre start	1. Draw the image of an enlarged square: scale factor 2 or 3
2. Identify the correct position of the image of an object reflected in a vertical line	2. Draw the image of a simple object reflected in a horizontal line	2. Locate the image of a translated object	2. Locate the image of a rotated object: shape attached to the point of rotation	2. Draw the image of an enlarged square
3. Identify the correct position of the image of an object reflected in a vertical line	3. Draw the image of a simple object reflected in a slant line	3. Locate the image of a translated object	3. Locate the image of a rotated object: shape attached to the point of rotation	3. Draw the image of an enlarged rectangle
4. Identify the correct position of the image of an object reflected in a horizontal line	4. Draw the image of an object reflected in a vertical line	4. Draw the image of a translated object	4. Locate the image for an object rotated around a point: top centre start	4. Draw the image of an enlarged right-angled triangle: scale factor 2 or 3
5. Identify the correct position of the image of an object reflected in a horizontal line	5. Draw the image of an object reflected in a horizontal line	5. Draw the image of a translated object	5. Locate the image for an object rotated around a point	5. Draw the image of an enlarged right-angled triangle
6. Identify the correct position of the image of an object reflected in a horizontal line	6. Draw the image of an object reflected in a slant line	6. Draw the image of a translated object	6. Locate the image for an object rotated around a point	6. Draw the image of an enlarged non right-angled triangle
7. Identify the correct position of the image of an object reflected in a line at a 45° angle	7. Draw the image of a complex object reflected in a vertical line	7. Describe a translation given the object and image	7. Describe a rotation: shape attached to the point of rotation: top centre start	7. Draw the image of an enlarged quadrilateral
8. Identify the correct position of the image of an object reflected in a line at a 45° angle	8. Draw the image of a complex object reflected in a horizontal line	8. Describe a translation given the object and image	8. Describe a rotation: shape attached to the point of rotation	8. Draw the image of an enlarged pentagon
9. Identify the correct position of the image of an object reflected in a line at a 45° angle	9. Draw the image of a complex object reflected in a slant line	9. Describe a translation given the object and image	9. Describe a rotation: shape attached to the point of rotation	9. Draw the image of an enlarged hexagon
	10. Draw the image of a complex object reflected in a line		10. Describe a rotation: top centre start	10. Draw the image of an enlarged octagon
	11. Draw the image of a very complex object reflected in a line		11. Describe a rotation	11. Identify the scale factor of enlargement: quadrilaterals
			12. Describe a rotation	12. Identify the scale factor of enlargement: pentagons
				13. Identify the scale factor of enlargement: hexagons
				14. Identify the scale factor of enlargement: octagons