

Numeracy Workout - Geometry & Measurement

Topic 14 - Transformations				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Identify the image of a reflection and perform simple reflections</i>	<i>Identify the image of a translation and perform a simple translation: down and across instructions</i>	<i>Identify the image of a rotation and perform a simple rotation: multiples of 90°</i>	<i>Identify the image of an enlargement and perform a simple enlargement: not from a point</i>	<i>Identify the image of an enlargement and perform a simple enlargement: not from a point</i>
1. Identify the correct position of the image of an object reflected in a vertical line	1. Identify the correct position of the image of a translated object	1. Identify the correct position of the image of an object rotated around a point	1. Identify the correct size of the image of an object enlarged by a factor of 2	1. Draw the correct image of a triangle enlarged by a factor of 2
2. Identify the correct position of the image of an object reflected in a vertical line	2. Identify the correct position of the image of a translated object	2. Identify the correct position of the image of an object rotated around a point	2. Identify the correct size of the image of an object enlarged by a factor of 3	2. Draw the correct image of a triangle enlarged by a factor of 3
3. Identify the correct position of the image of an object reflected in a horizontal line	3. Identify the correct position of the image of a translated object	3. Identify the correct position of the image of an object rotated around a point	3. Identify the correct size of the image of an object enlarged by a factor of 4	3. Draw the correct image of a triangle enlarged by a factor of 3
4. Identify the correct position of the image of an object reflected in a horizontal line	4. Move an image to the correct position for a translated object	4. Identify the correct position of the image of an object rotated around a point	4. Draw the correct image of a square enlarged by a factor of 2	4. Draw the correct image of a rectangle enlarged by a factor of 2
5. Identify the correct position of the image of an object reflected in a slant line	5. Move an image to the correct position for a translated object	5. Identify the correct position of the image of an object rotated around a point	5. Draw the correct image of a square enlarged by a factor of 3	5. Draw the correct image of a rectangle enlarged by a factor of 3
6. Identify the correct position of the image of an object reflected in a slant line	6. Move an image to the correct position for a translated object	6. Identify the correct position of the image of an object rotated around a point	6. Draw the correct image of a square enlarged by a factor of 4	6. Draw the correct image of a rectangle enlarged by a factor of 4
7. Move an image to the correct position for an object reflected in a vertical line		7. Move an image to the correct position for an object rotated around a point: shape attached to the point of rotation		
8. Move an image to the correct position for an object reflected in a vertical line		8. Move an image to the correct position for an object rotated around a point: shape attached to the point of rotation		
9. Move an image to the correct position for an object reflected in a horizontal line		9. Move an image to the correct position for an object rotated around a point: shape detached from the point of rotation		
10. Move an image to the correct position for an object reflected in a slant line		10. Move an image to the correct position for an object rotated around a point: shape detached from the point of rotation		