Practice worksheet | Transformations

Translations

Name: _____ Date: _____

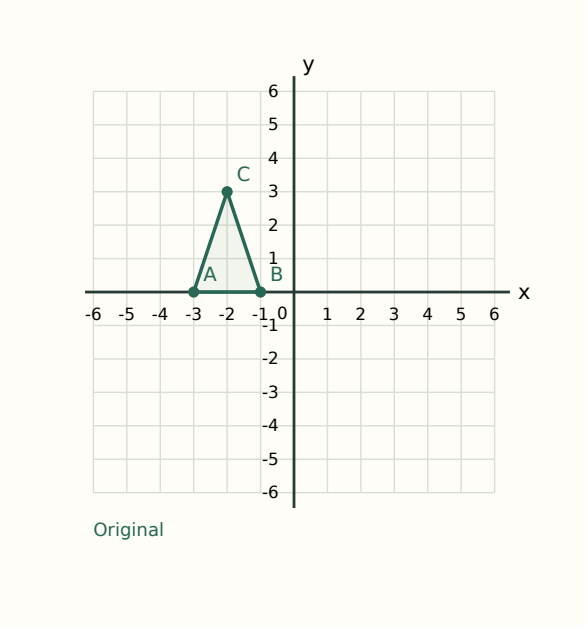
6 questions | 13 marks

1. Translate $(2, 1)$ 3 units left and 4 units up. [2 marks]

2. Translate $(-4, -2)$ 5 units right and 1 unit down. [2 marks]

3. $A(-1, 2)$ is translated to $A'(3, -1)$. Describe the translation. [2 marks]

4. Translate $A(-3, 0)$, $B(-1, 0)$ and $C(-2, 3)$ 2 units right and 2 units down. Give all image coordinates. Draw and label the image on the supplied grid. [3 marks]



5. After moving 3 units right and 2 units up, a point is at $(5, 1)$. Find its original coordinates. [2 marks]

6. A student maps $A(0, 0)$ to $(2, 1)$ and $B(3, 0)$ to $(6, 1)$. Can this be one translation? Explain. [2 marks]