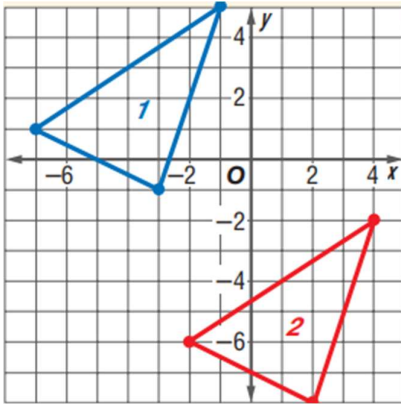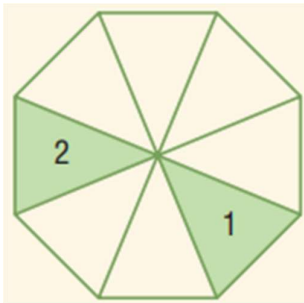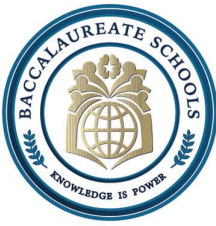**Q1) What is the translation that moves triangle 1 to triangle 2 in the figure below?**

Q2) In the figure below, describe the rotation that moves triangle 1 to triangle 2.

Q3) A translation maps $A(-4, 3)$ onto $A'(-1, 1)$. Find the coordinates of point B', the image of $B(-1, -2)$, under the same translation ?

Student's Name: _____

Grade 9th

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Q4) **Draw the figure and its rotation image of each figure 90° in the clockwise direction about the origin point and label the vertices.**

Triangle *TUV* with vertices *T*(5, 5), *U*(7, 3), and *V*(1, 2)