Student's Name: _____

Grade 9th

مدارس البكالوريا

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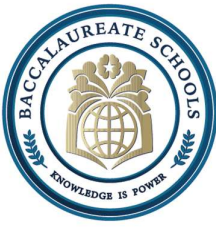
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Q1) If *KLM* with vertices *K*(5, -2), *L*(-3, -1), and *M*(0, 5) is translated 4 units down and 3 units left to create *XYZ*, **what are the coordinates of the vertices of *XYZ*?**

Q2) Graph the figure EFG with vertices E(0, -4), F(-4, -4), and G(0, 2) and its translation by $(x, y) \rightarrow (x + 2, y - 1)$

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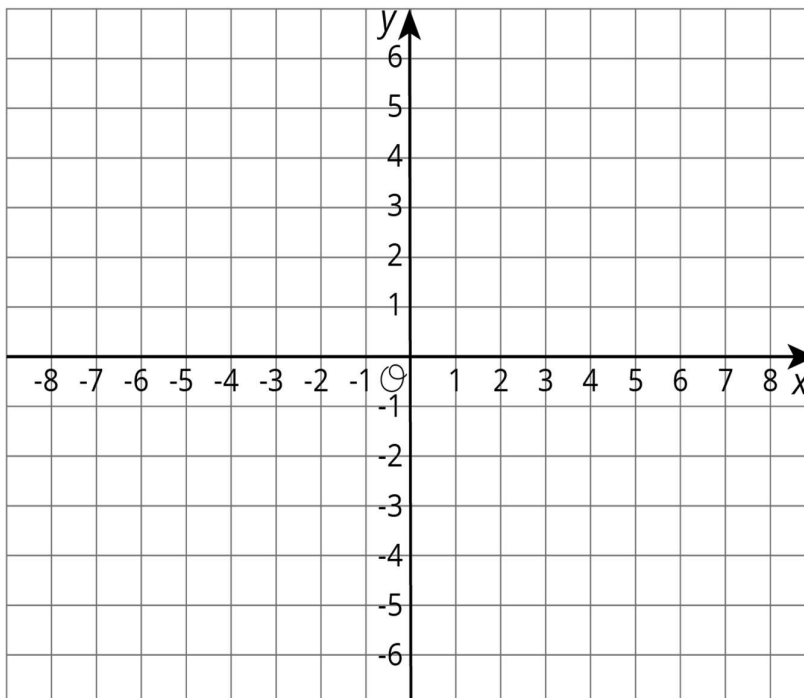
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Q3) A translation maps A(-4, 3) onto A'(2, 5). Find the coordinates of point B', the image of B(-1, -2), under the same translation?

Q4) Copy BCD and rotate the triangle 60° counterclockwise about point G