



Student's Name: _____

Grade 9th

10th September, 2025

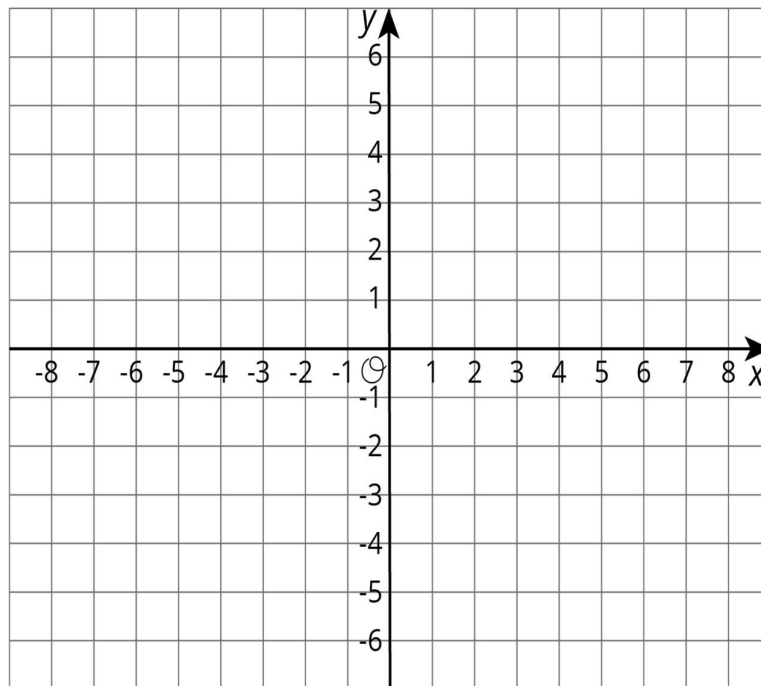
Q1) Draw a reflection on the shown shapes below about the given lines

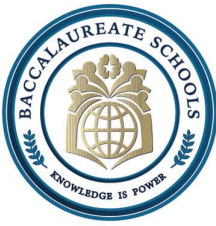


Q2) Draw the original and reflected images of the following:

A-

$\square GHIJ$ with vertices $G(-1, 2)$, $H(2, 3)$, $I(6, 1)$, and $J(3, 0)$ reflected in the line $y = x$





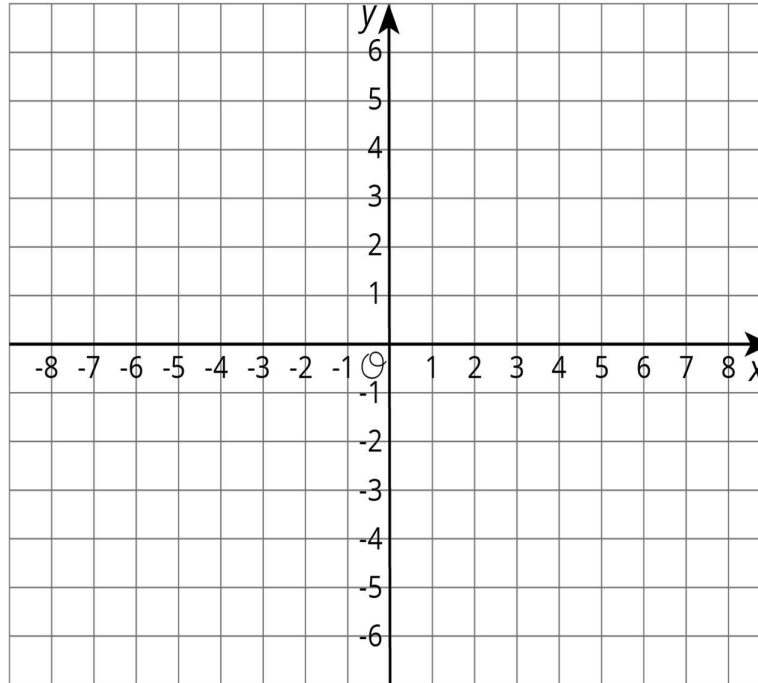
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B-

rectangle $MNQP$ with vertices $M(2, 3)$, $N(-2, 3)$, $Q(-2, -3)$, and $P(2, -3)$ in the origin



Q3) Triangle PQR is reflected first in the y -axis, then in the x -axis, and finally in the origin. The resulting image has vertices at $P'''(-5, 2)$, $Q'''(7, -9)$, and $R'''(0, 4)$.

Find the coordinates of the original vertices P , Q and R .