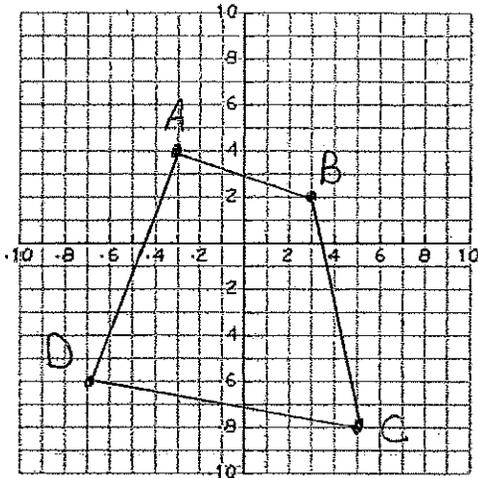
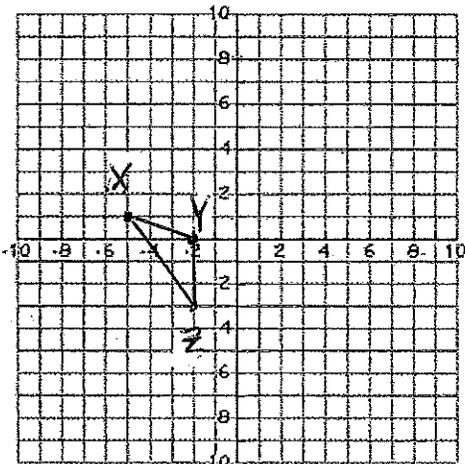


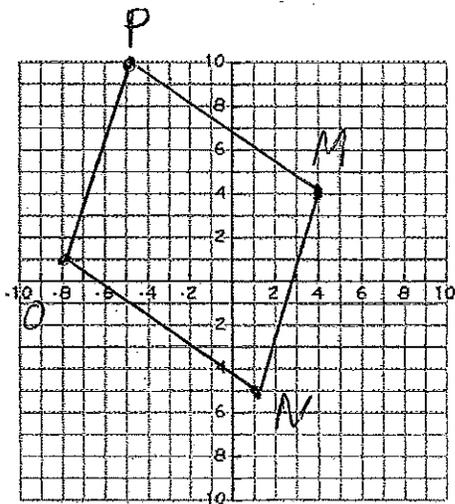
- Graph the dilated image of Quadrilateral ABCD using a scale factor of $\frac{1}{2}$ and center of dilation $(1, -2)$



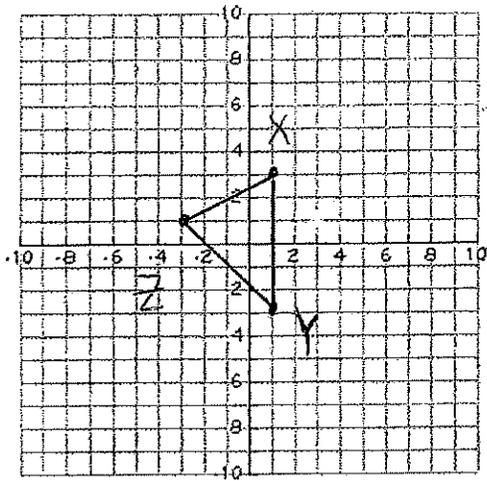
- Graph the dilated image of Triangle XYZ using a scale factor of 2 and center of dilation $(-3, -1)$



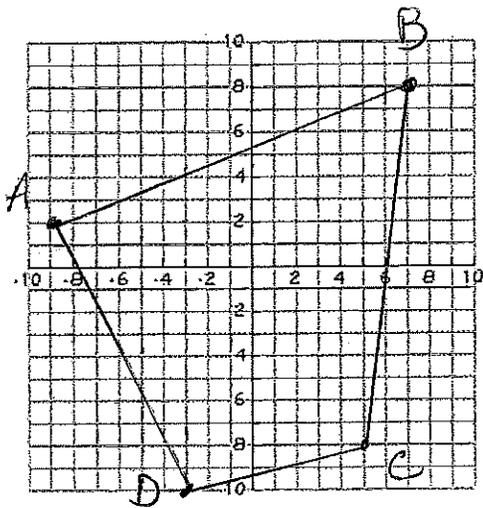
- Graph the dilated image of Quadrilateral MNOP using a scale factor of $\frac{2}{3}$ and center of dilation $(-2, 1)$



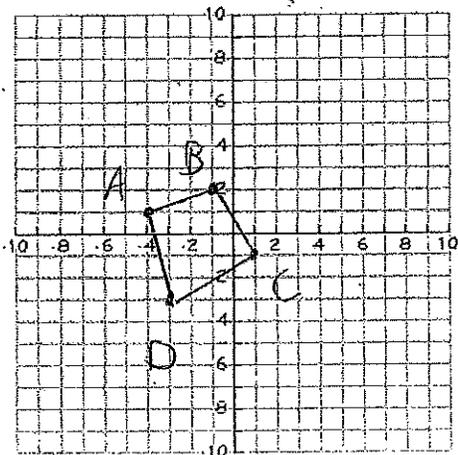
4. Graph the dilated image of Triangle XYZ using a scale factor of $\frac{5}{2}$ and center of dilation $(-1, 1)$



5. Graph the dilated image of Quadrilateral ABCD using a scale factor of $\frac{1}{2}$ and center of dilation $(1, -2)$

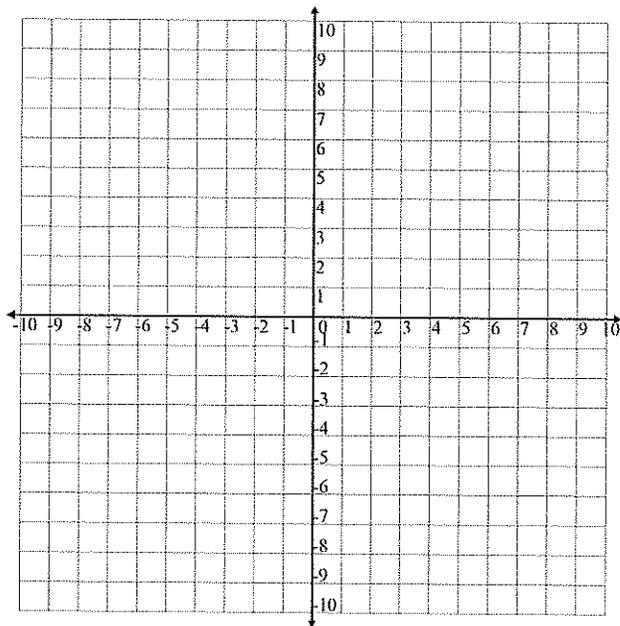


6. Graph the dilated image of Quadrilateral ABCD using a scale factor of 3 and center of dilation $(-2, 0)$

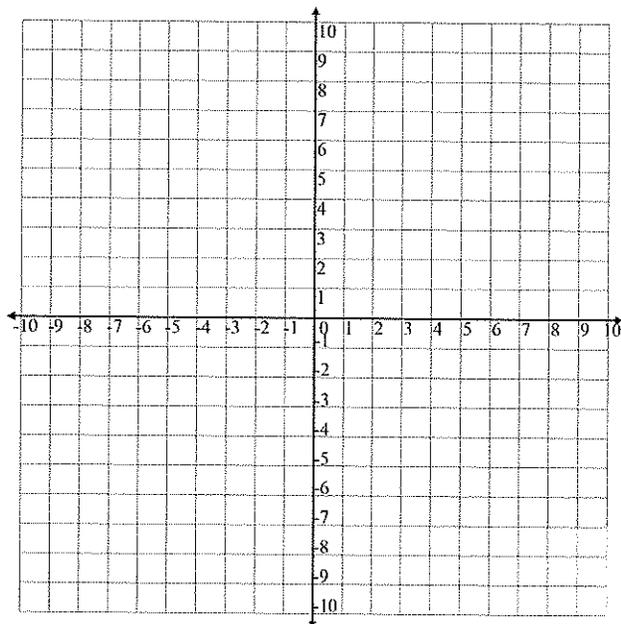


ROTATIONS NOT CENTERED ABOUT THE ORIGIN

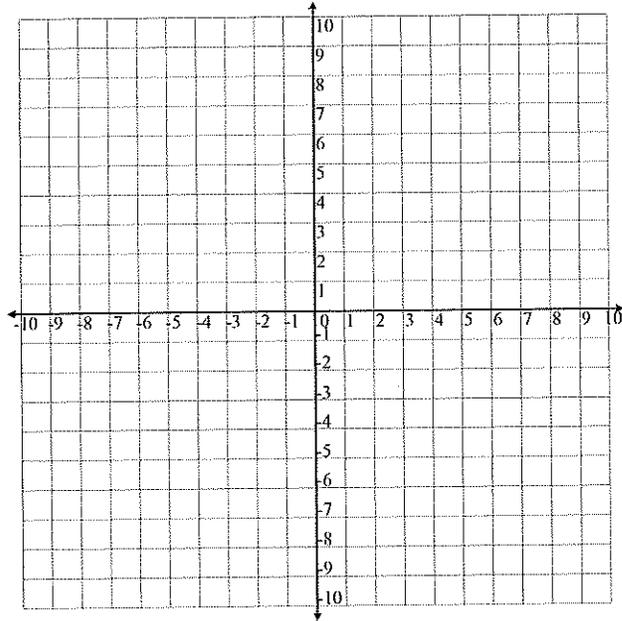
1. Rotate the segment with endpoints $B(0, -2)$ and $C(-2, -6)$ 180° about the point $(3, -2)$.



2. Rotate the segment with endpoints at $P(1, -4)$ and $Q(-4, 6)$ 270° counter clockwise about the point $(3, 0)$.



3. Rotate $\triangle GHI$ with $G(-3, 4)$, $H(2, -4)$ and $I(3, 6)$ 270° clockwise about the point $(-3, 1)$.



4. Rotate $\triangle XYZ$ with $X(5, -2)$, $Y(1, 3)$ and $Z(6, 2)$ 90° counter clockwise about the point $(-4, -1)$.

