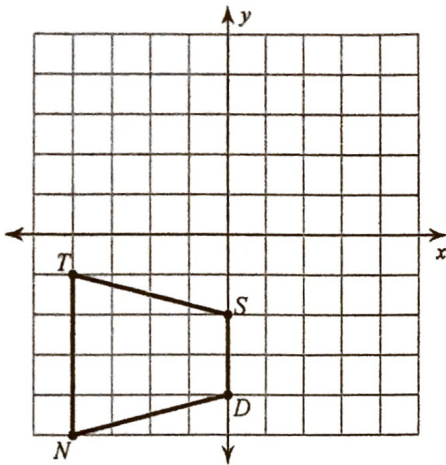


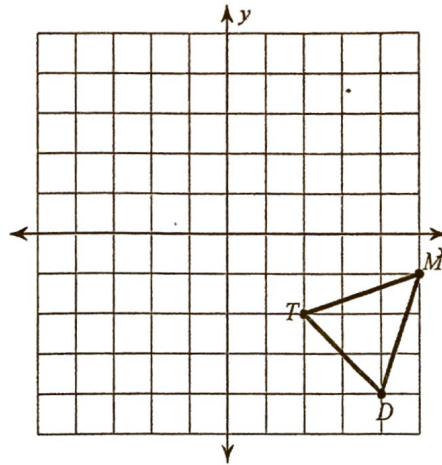
G1: C Level Test Review

Graph the image of the figure using the transformation given.

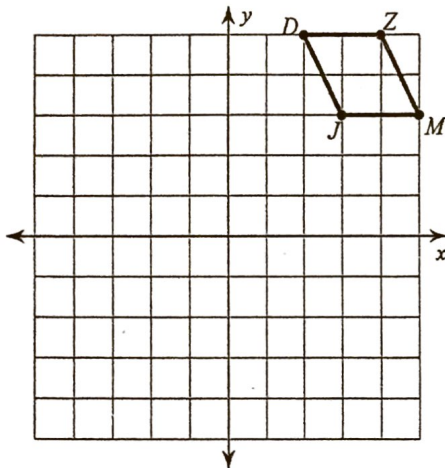
1) translation: 5 units right and 2 units up



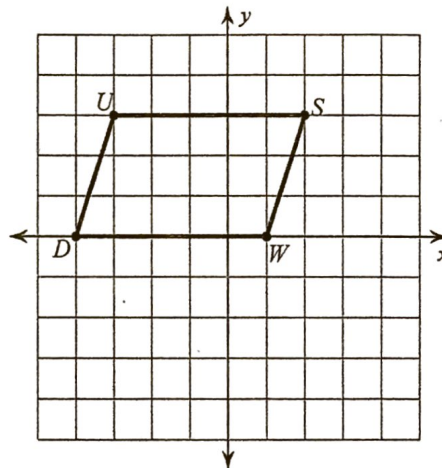
2) translation: 3 units left and 5 units up



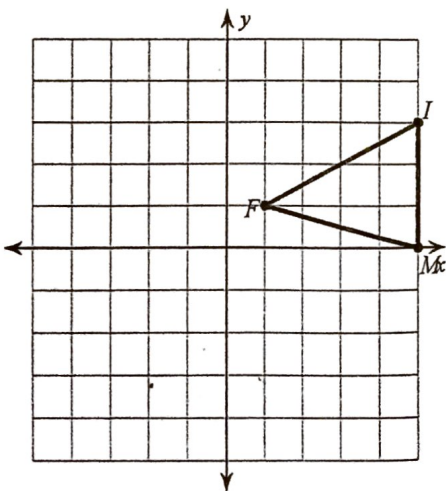
3) reflection across the y-axis



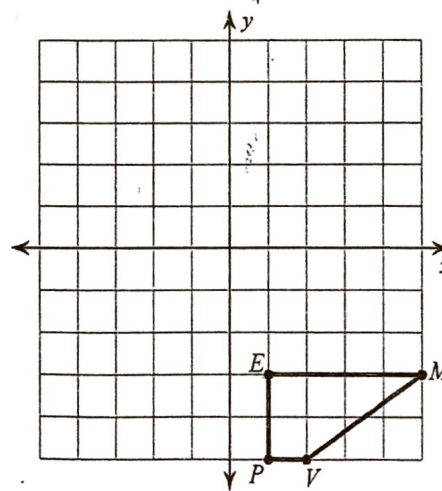
4) reflection across the x-axis



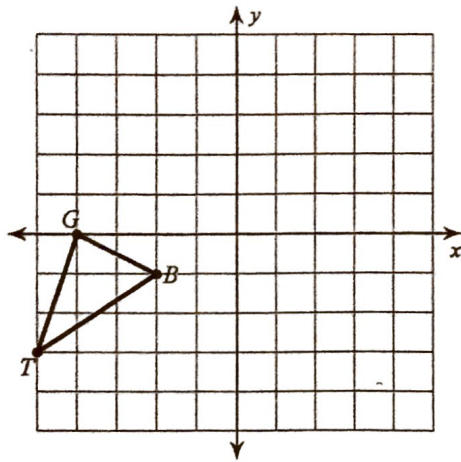
5) reflection across $y = -x$



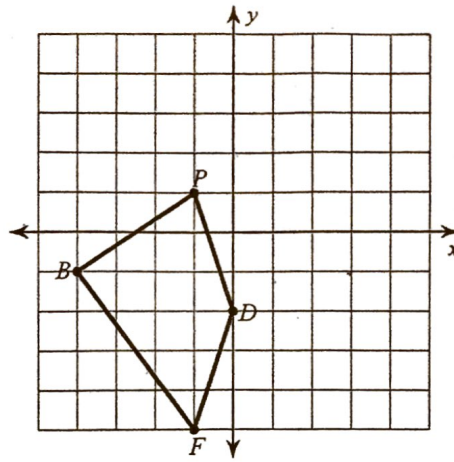
6) reflection across $y = x$



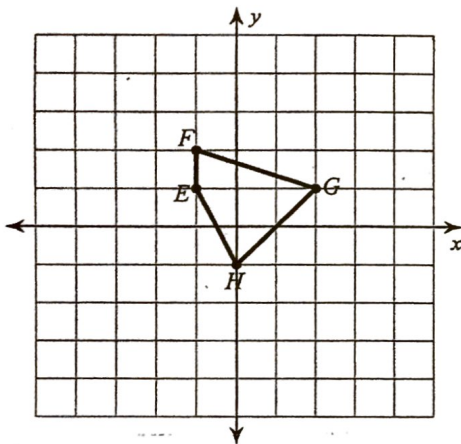
7) rotation 90° counterclockwise about the origin



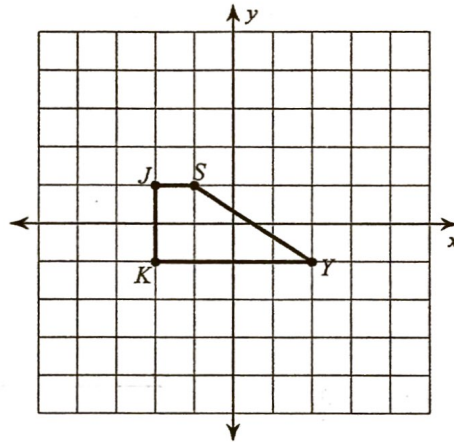
8) rotation 180° about the origin



9) dilation of $\frac{1}{2}$

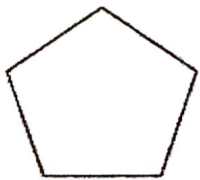


10) dilation of 2



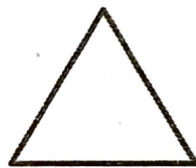
For each shape below, determine if it has reflection symmetry and/or rotation symmetry. If it has reflection symmetry, draw all lines of symmetry. If it has rotation symmetry, calculate the angle of rotation.

11) Regular Pentagon



Degree of Rotation = _____

12) Isosceles triangle



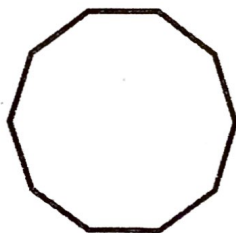
Degree of Rotation = _____

13) Parallelogram



Degree of Rotation = _____

14) Regular Decagon (10 sides)



15) Isosceles Trapezoid

