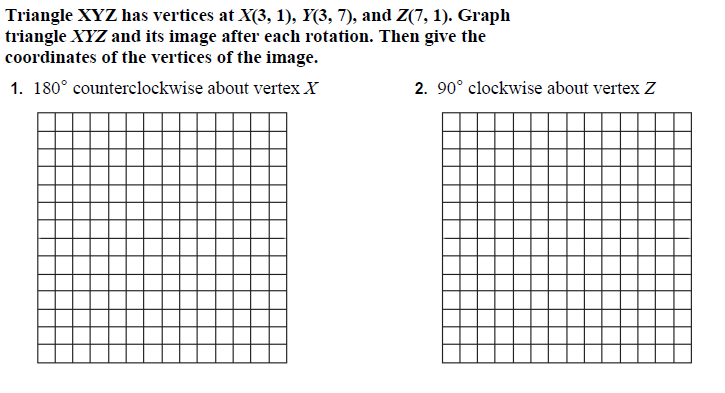
***Lesson 4.1c\_4.2c\_ Construct Rotations Homework***



|  |  |
| --- | --- |
| **3.** Triangle *JKL* has vertices *J*(-4, 4), *K*(-1, 3), and *L*(-2, 1). Graph the figure and its rotated image after a clockwise rotation of 90° about the origin. Then give the coordinates of the vertices for triangle *J'K'L'*.  CCSS_C3_Ch6_L3_Skills3.jpg | **4.** Quadrilateral *BCDE* has vertices *B*(3, 6), *C*(6, 5),  *D*(5, 2), and *E*(2, 3). Graph the figure and its rotated image after a counterclockwise rotation of 180° about the origin. Then give the coordinates of the vertices for quadrilateral *B*ʹ*C*ʹ*D*ʹ*E*'.  CCSS_C3_Ch6_L3_Skills4.jpg |

***WITHOUT GRAPHING: state the coordinates for the image under the rotation given.***

