Module 11   Transformation of Shapes
Lesson 2   Rotations

Challenge Problems

11.2

Set 1

1 A regular decagon is rotated about its center. Find all the angles of rotation for which the decagon will look like the original figure.

Set 2

1 Use the point (1, 4) to show that a rotation of 180° about the origin is the same as a reflection across the x-axis followed by a reflection across the y-axis.

Additional Work Area