BLM 12–14

Section 12.3 Extra Practice

1. How many times could you rotate this equilateral triangle to make a tessellation?
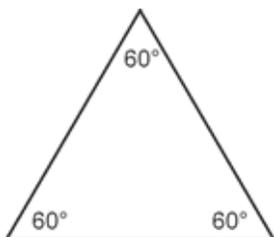
2. Which of these triangles could be rotated to make a tessellation?

a) A
55°
35°
B   C

b) D
50°
70° 60°
E   F

c) G
50°
105°   25°
H   I

d)   K
25°
15° 140°
J   L
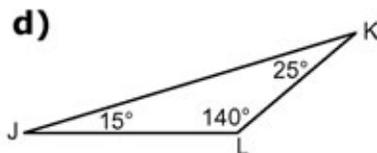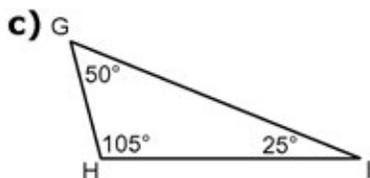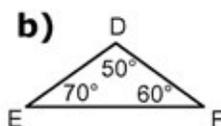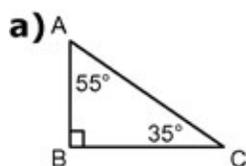
3. For each of the triangles in #2 that you found can be rotated to make a tessellation, indicate the letter of the point where the rotation occurs.

4. If you had two regular hexagons as the diagram shows, which other regular polygon could you use to make a rotation? **Hint:** It cannot be another hexagon. You would have to use more than one of that particular regular polygon.

120° 120°