Lesson 177
Review – Polygons

Create a review presentation from Lessons 115-129. Your presentation must include the vocabulary from those Lessons and sample problems from the section. Use the presentation you create to help you answer the Assessment questions.
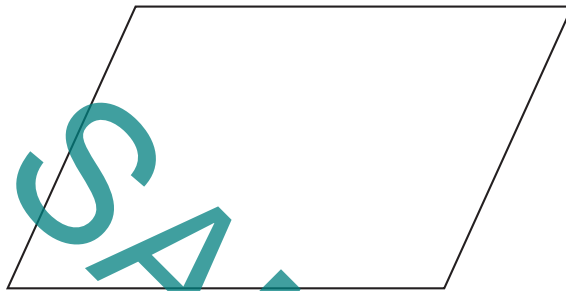
Lesson Wrap-Up: Share with your teacher how well you have grasped knowledge of basic geometric figures like polygons.

1. What is the measure of one interior angle of a regular pentagon?

2. What is the measure of the sum of the interior angles of a decagon (10 sides)?

3. What is the sum of the interior angles of a triangle?

4. Jill says that she has a rhombus. Sam says it is a quadrilateral. Peter is pretty sure that it is a parallelogram. Explain who is correct and why.
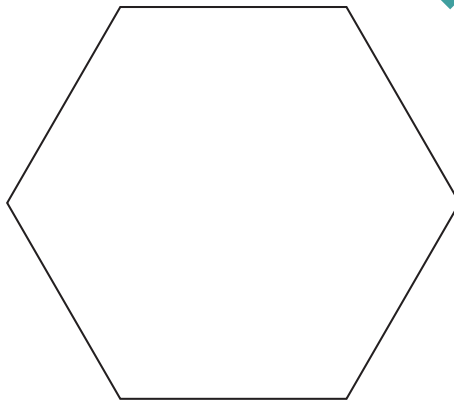
COMPLETE CURRICULUM

5. Imagine the shape of a stop sign. Is this shape concave or convex?

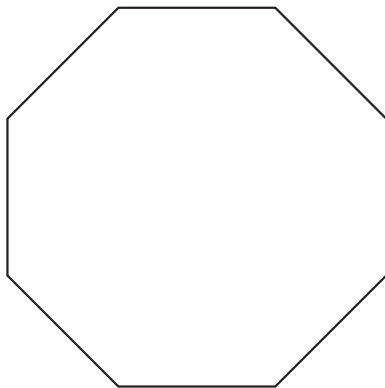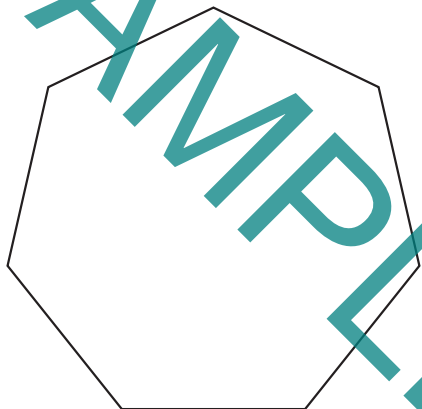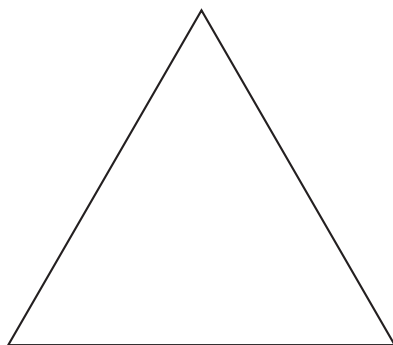**6. Name each of the following shapes.**

a.

b.

c.

d.

e.

Lesson: 178
Review: Congruence and Similarity

Create a review presentation from Lessons 130-150. Your presentation must include the vocabulary from those Lessons and sample problems from the section. Use the presentation to help you answer the Assessment questions.

Lesson Wrap-Up: Similarity and congruence are part of everyday activity. Become familiar with their relation to your world.

1. What is similarity?

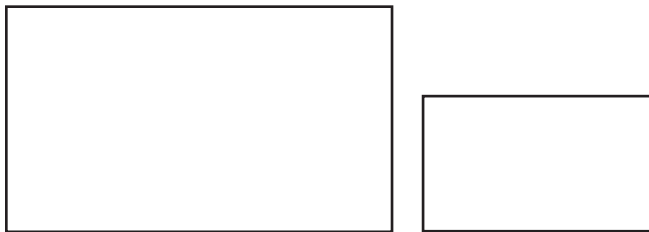**2.** What is congruence?

3. What is symmetry?

4. What is a tessellation?

COMPLETE CURRICULUM

Determine if the shapes below are similar.

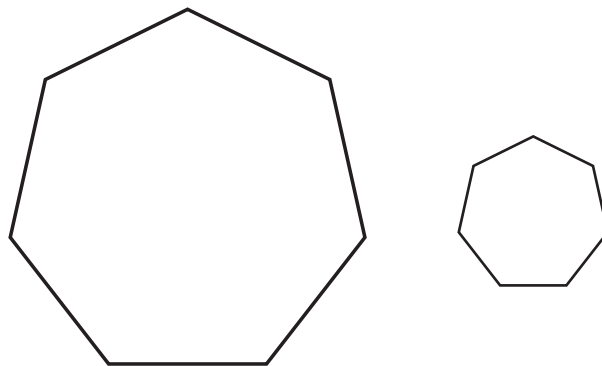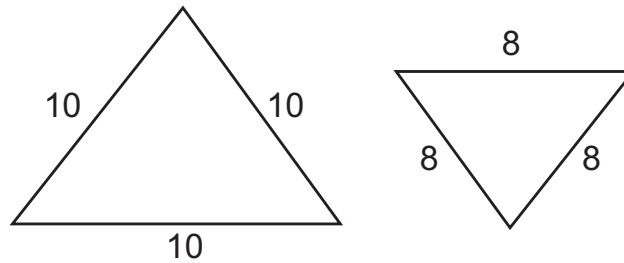**5.** _____

6. _____

7. _____

Determine if the shapes below are congruent

8. _____

9. _____

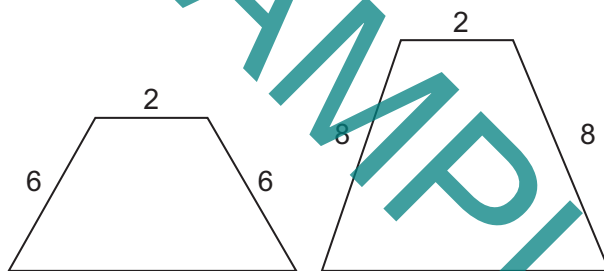**10.** Nick noticed a very tall building, and he wanted to know how tall it was. He stood so that his shadow and the building's shadow ended at the same point, creating similar triangle. The shadow of the building was 100 feet long. If Nick is 6 feet tall, and his shadow is 14 feet long, how tall is the building?