MY Homework
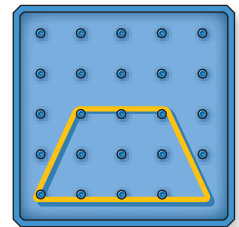
Lesson 1

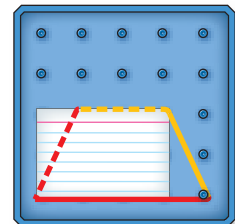**Hands On: Angles**

Homework Helper eHelp

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Geoboards and pattern blocks help to explore angles.

1 A rubber band was used to create a large shape on a geoboard that is similar to the red pattern block.

2 An index card was used to compare an angle formed by two sides of the shape. This angle is *less than* a right angle.
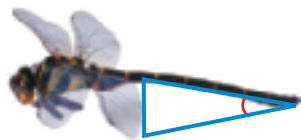
There are 2 angles that are *less than* right angles.
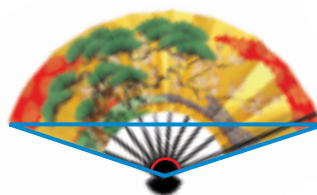There are 2 angles that are *greater than* right angles.

Practice

Tell whether each angle shown is a *right angle, less than* a right angle, or *greater than* a right angle. Use an index card if needed.
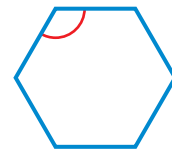
1.

less than

2.

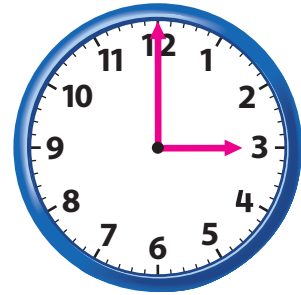**greater than**

3.

greater than

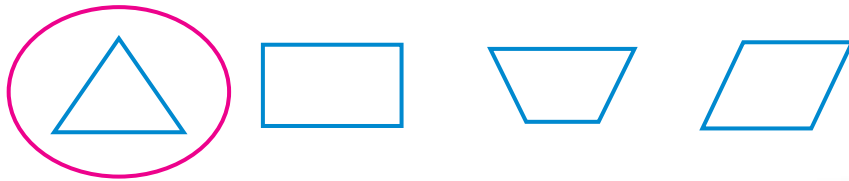## Problem Solving Sample answers: 4, 6

4. **Mathematical PRACTICE 1** **Keep Trying** Draw a time when the hands on the clock make a right angle.

5. **Mathematical PRACTICE 7** **Identify Structure** Mr. West drew four shapes on the board. Circle the shape that appears to have angles that are all less than a right angle.

6. Manny noticed that the sides of his poster on his bedroom wall formed angles. Tell whether the angles are *right* angles, *less than* right angles, or *greater than* right angles. Explain.

   All of the angles are right angles because each angle forms a square corner.

Vocabulary Check 🅥

Choose the correct word(s) to complete each sentence.

| angle | ray | endpoint | vertex | right angle |

7. The shared endpoint of two rays is called the **vertex**.

8. An **endpoint** is the point at the beginning of a ray.

9. An angle that forms a *square corner* is called a **right angle**.