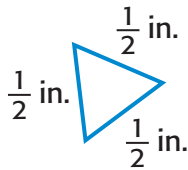# MY Homework

Lesson 3

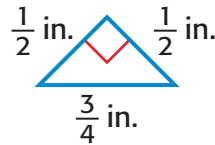**Hands On: Triangles**

Homework Helper

eHelp

Need help? connectED.mcgraw-hill.com

Measure the sides of each triangle below to the nearest quarter of an inch. Then state the number of sides with equal lengths.
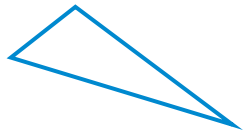
$\frac{1}{2}$ in.

$\frac{1}{2}$ in.

$\frac{1}{2}$ in.

The triangle has 3 sides with equal lengths.

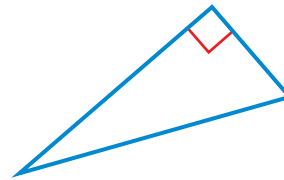$\frac{1}{2}$ in. $\frac{1}{2}$ in.

$\frac{3}{4}$ in.

The triangle has 2 sides with equal lengths.

Compare the angles of each triangle. Then describe the triangle using its angles.
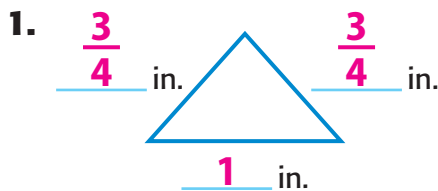
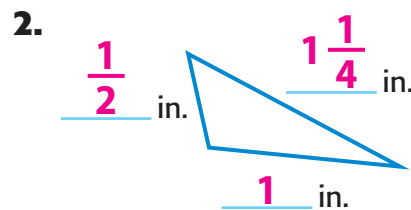The triangle has 1 angle that is greater than a right angle.

The triangle is a right triangle.

Practice

Measure the sides of each triangle below to the nearest quarter of an inch. Then state the number of sides with equal lengths.
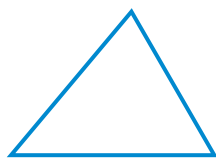
1. $\frac{3}{4}$ in. $\frac{3}{4}$ in.

   1 in.

   2 sides

2. $\frac{1}{2}$ in. $1\frac{1}{4}$ in.

   1 in.

   0 sides

Compare the angles of each triangle. Then circle the correct description.

3.

3 angles are less than a right angle

1 right angle.

4.

3 angles greater than a right angle

1 angle is greater than a right angle

Problem Solving

5. Mathematical PRACTICE 6 Be Precise In billiards, a rack is used to organize billiard balls at the beginning of the game. Measure the sides of the triangle shown. What is the length of each side to the nearest quarter inch?
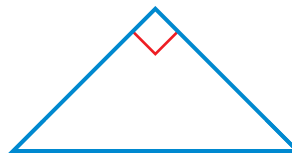
$1\frac{1}{2}$ **inches**

6. Refer to Exercise 5. How many angles are less than a right angle?

3 angles

7. How many angles are less than a right angle in the triangle shown at the right?

2 angles

Vocabulary Check

Fill in the missing word.

8. A triangle with one right angle is called a ___**right**___ triangle.

Rack them up!