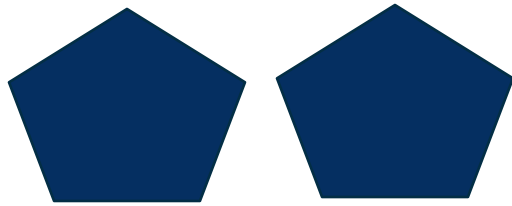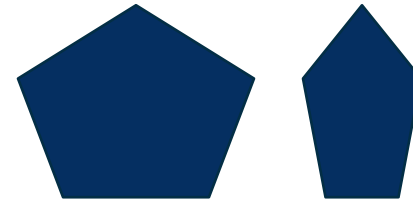# 2.1

CONGRUENT FIGURES

<u>Do Now</u>

These pairs of shapes are congruent.

These pairs of shapes are NOT congruent.

In your own words, what does congruent mean?

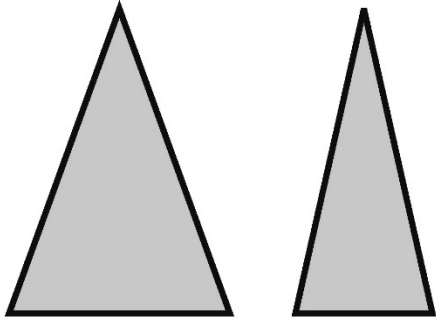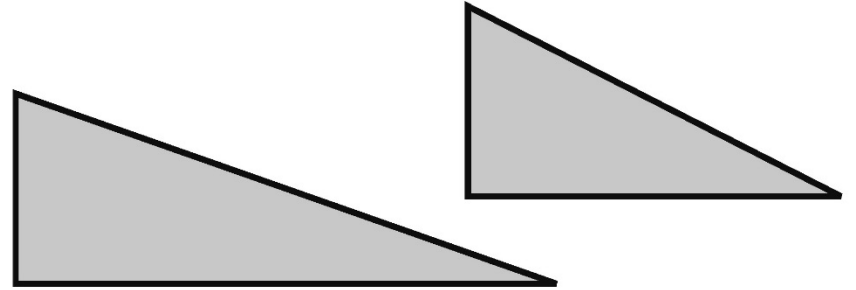# NEW WORD!

CONGRUENT

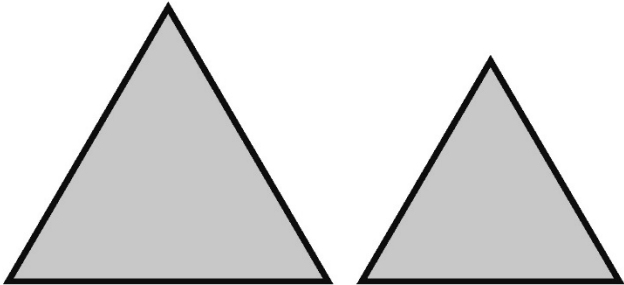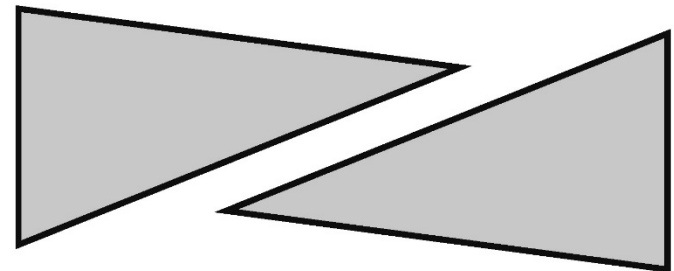# Tell whether the triangles are *congruent* or *not congruent*.
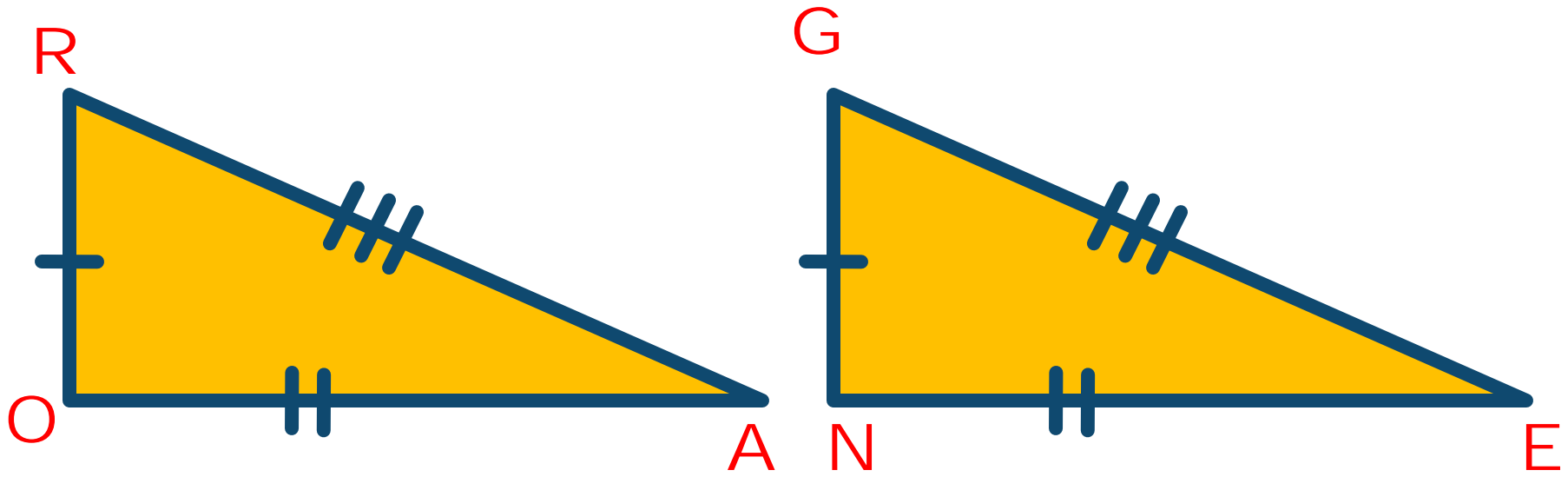
1.

2.

3.
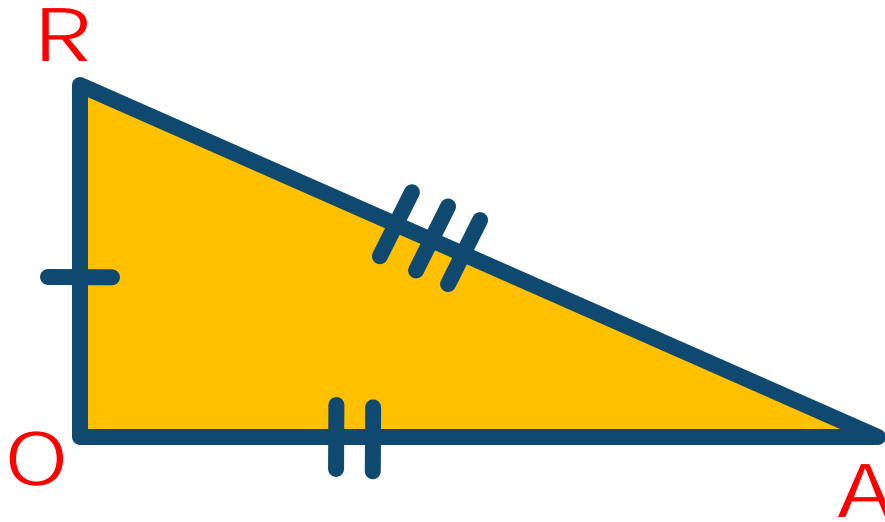
4.
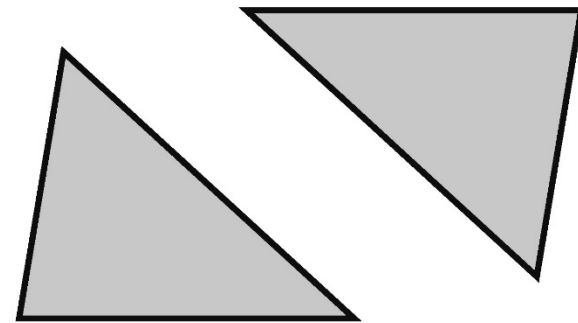
5.
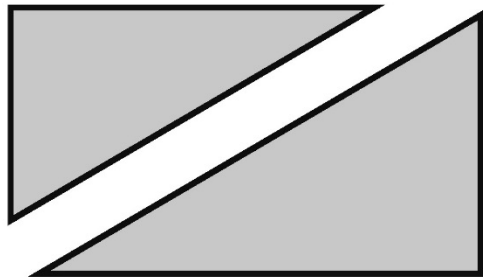
6.

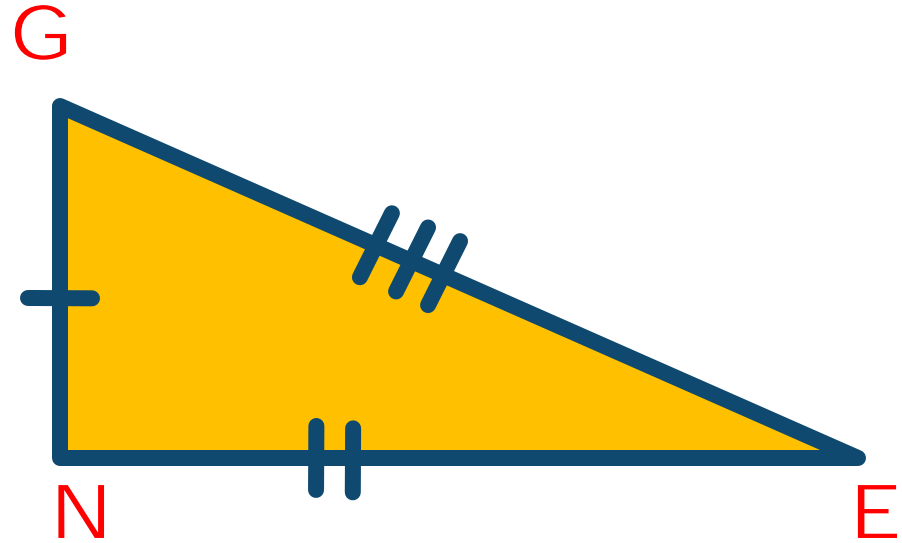# What about congruent shapes?
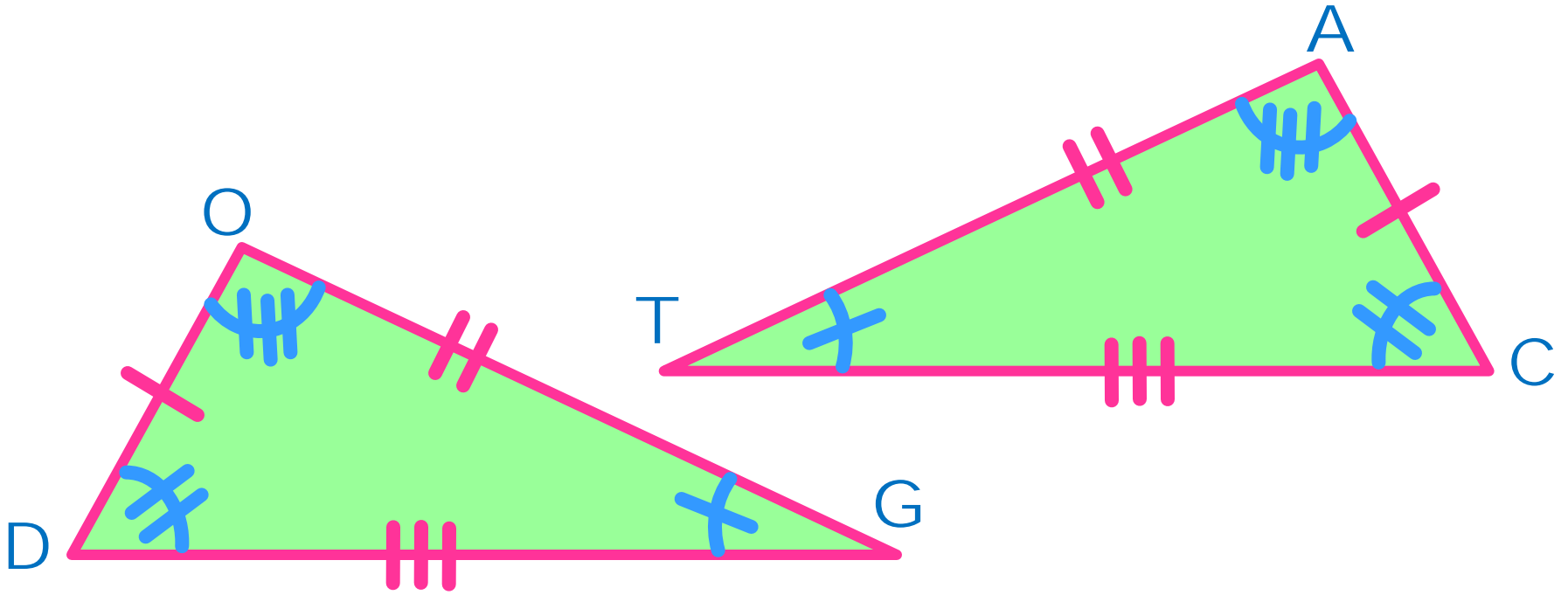
Corresponding Parts of Congruent Figures

Corresponding Angles

Corresponding Sides

Corresponding Parts of Congruent Figures

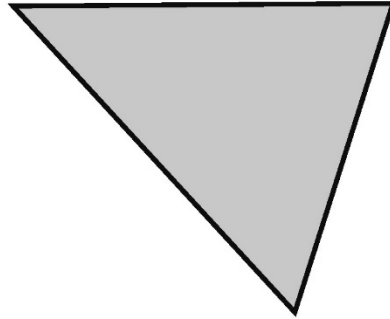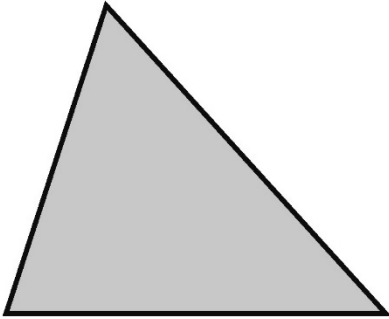**Corresponding Angles**

Corresponding Sides
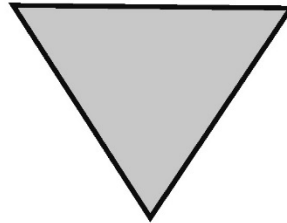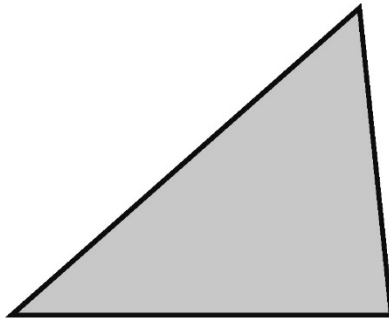
<u>Practice</u>

Tell whether the triangles are *congruent* or *not congruent*.

1.

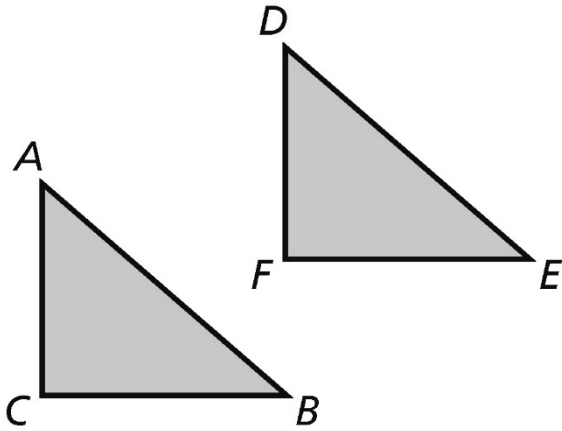
2.
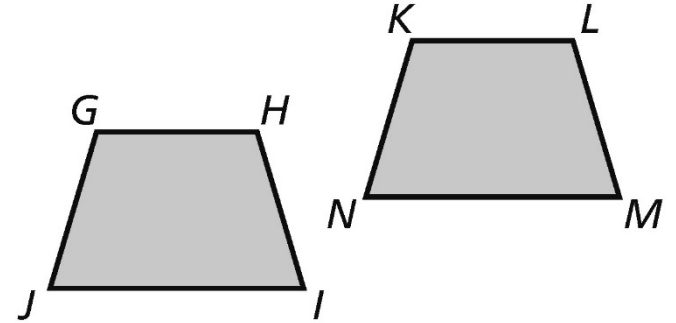
Practice

The figures are congruent. Name the corresponding angles and the corresponding sides.
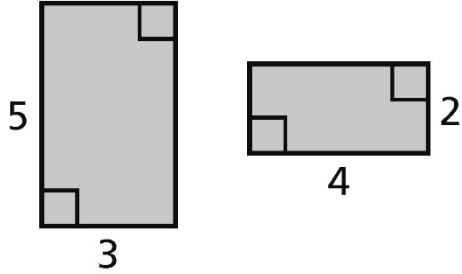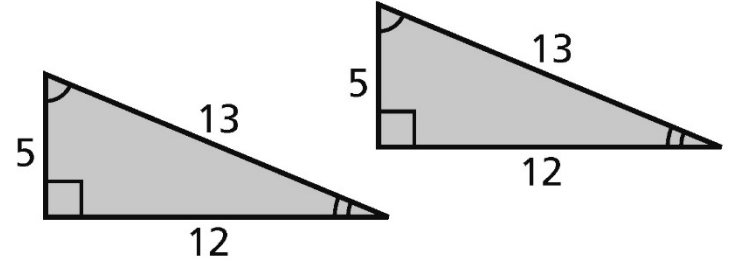
3.

4.

Practice

Tell whether the two figures are congruent. Explain your reasoning.
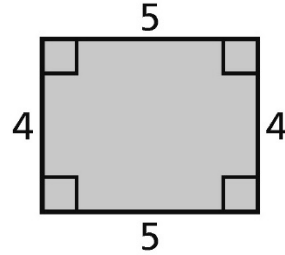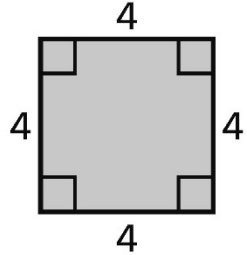
5.

6.

Practice

7. Describe and correct the error in telling whether the two figures are congruent.

Both figures have four sides and corresponding angle measures are equal. So, they are congruent.