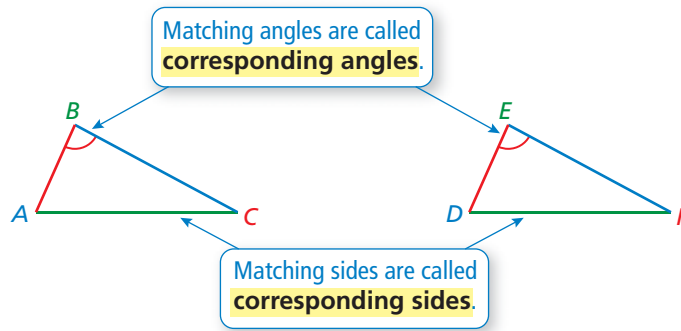


# Congruent Figures

Figures that have the same size and the same shape are called **congruent figures**. The triangles below are congruent.



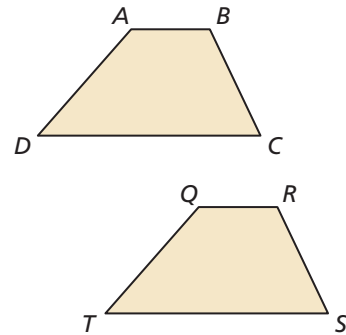
**Example 1** The figures are congruent. Name the corresponding angles and the corresponding sides.

*Corresponding Angles*

- $\angle A$  and  $\angle Q$
- $\angle B$  and  $\angle R$
- $\angle C$  and  $\angle S$
- $\angle D$  and  $\angle T$

*Corresponding Sides*

- Side  $\overline{AB}$  and Side  $\overline{QR}$
- Side  $\overline{BC}$  and Side  $\overline{RS}$
- Side  $\overline{CD}$  and Side  $\overline{ST}$
- Side  $\overline{DA}$  and Side  $\overline{TQ}$



## Practice

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

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

