

# CONGRUENCE

One figure is **congruent** to another if it can be moved with a sequence of **translations**, **rotations**, and **reflections** to fit exactly over the other.

In the figure below, Triangle A is congruent to Triangles B, C, and D:

- a translation takes Triangle A to Triangle B
- a rotation takes Triangle B to Triangle C
- a reflection takes Triangle C to Triangle D

