

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **LEGO Gears 3**

Materials: 2 small LEGO gears, and 2 medium LEGO gears.

Make a small gear drive a medium gear, which is attached to a second small gear.  
Then make the second small gear drive another medium gear.

How many times does the first small gear have to go around to make the second medium gear complete one revolution? Make a sketch of your setup.

*Show your work, and write your answer in a complete sentence.*