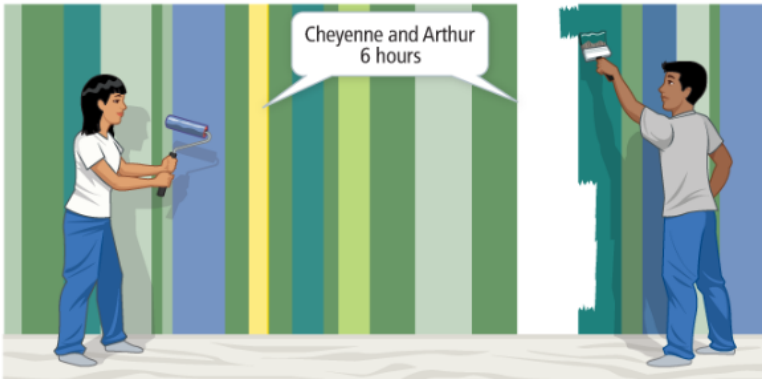
Extra Example 2- Glue this on p. 208 so that you can lift and see the examples underneath this problem.

**Arthur and Cheyenne can paint a wall in 6 hours when working together. Cheyenne works twice as fast as Arthur. How long would it take Cheyenne to paint the wall if she were working alone?**




Cut here__ __ __ __ __ __ __ __ __ __ __ ___ __ __ __ __ __ __ __ __ __ ___ __ __ __ __ __ __ __

Glue this on page 212 so that you can see the examples underneath

## Water Current and Wind Speed Problems

distance = rate * time

upstream

downstream

with the wind

against the wind

A motorboat is capable of traveling at a speed of 12 miles per hour in still water. On a particular day, it took 15 minutes longer to travel a distance of 4 miles upstream than it took to travel the same distance downstream. What was the rate of current in the stream on that day?