

Use Unit Rates to solve problems

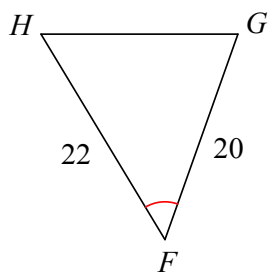
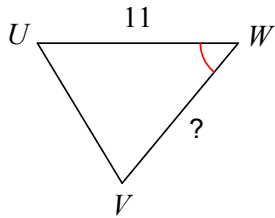
1) Amy drove to her mother's house, which was 204 miles away. If it took her  $3\frac{1}{2}$  hours, what was her average speed?

2) Ashley needs to ride her bike to her friends house 96 miles away. She is riding at a rate of 15 miles per hour. She has 6 hours to get there. Will she make it?

3) Marcus needs to wear ties for his new job. At the department store, ties are \$18 each or 3 for \$53.95. If Marcus is going to buy 6 ties, which is the better deal?

4) A muffin tin holds a dozen muffins. I can fit in three muffin tins in my oven. Muffins cook for 15 minutes. If I need to make 180 muffins, how much baking time will it take to make all of my muffins.

5) Find the missing side



6) A swimming pool had 70 people in it, with the ratio of males to females at 2:5. If 5 more males get into the pool, what is the new ratio of males to females?