2.6 notes.notebook

Ratios, Rates, and Conversations

To convert from one unit to another, you multiply the original unit by a ratio of two equivalent measures in different units.

Convert the given amount to the given unit.
1)   8 days; hours   2)   258 feet; yards

On your own…
3)   90 dollars; cents

Complete each statement.
4)   5 feet 11 inches =   inches

5)   45 miles/hour =   feet/second

On your own…
6)   1950 quarts/minute =   gallons/second

Which measurement is greater?
7)   30 centimeters; 9 inches

On your own…
8)   5 quarts; 5 liters

9) Max is training to run a marathon. On his second week of training, he ran 15 kilometers in 4 hours. How fast was Max running in feet per minute?