Ratios, Rates, and Conversions

Directions: Solve each problem. Use your answer to navigate through the maze. Show your work.

START	Convert 5 liters to quarts.	Convert 10 feet to yards.	Find the unit rate. 216 miles in 6 hours
Convert 10 minutes in seconds.			
600 seconds	5.28 quarts	33 yards	

3,600 seconds	0.528 quarts	52.8 quarts	3.3 yards	0.33 yards	Average Rate	36 miles/hour

Find the unit rate. 5 pounds cost $10	Convert 1.5 hours in minutes.	A rate having 1 as a denominator is known as:	Find the unit rate. 10 pounds cost $5
$ 0.5/pounds	120 minutes	Unit Rate	

$2/pounds	90 minutes	600 minutes	Unit Price	12 inches =1 foot	$0.2/pounds	$ 0.5/pounds

The ratio 16 : 24 simplified is:	In 7 days, the number of hours is:	Choose the correct conversion factor.	Convert 12 feet to yard.
2 : 3	84	2 feet = 1 yard	

3 : 2	2 : 8	168	144	1 : 3	6 quarts = 1 gallon	4 yards

Convert 1 mile to feet	Choose the correct conversion factor.	The ratio 11 : 33 simplified is:	Good Job! The End
2 mile=6,280 feet	1 ton = 2,000 pounds	1 : 11	

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