

Setting up a Proportion

Name: _____

Date: _____

Set up each proportion the way we discussed in class. DO NOT SOLVE THEM. This assignment is to make sure you know the proper way to set them up.

- The local car wash can wash 38 cars in an hour. How many cars could they wash during a 12-hour shift?
A. 456 B. 440
C. 104 D. none of these
- A car drove for 5 hours on highway 281 at an average speed of 45mph. How far did the car travel?
A. 45 mi B. 90 mi
C. 225 mi D. 450 mi
- Theresa knew that she could burn off 300 calories by running 15 minutes. How long would she have to run to burn off the 800 calories in the GiantBurger she ate for dinner?
A. 30 min B. 32 min
C. 36 min D. 40 min
- The cooking instructions stated that a whole ham should be cooked 20 minutes per pound. How many hours will it take to cook a 12 pound ham?
A. 4 hours B. 3.5 hours
C. 12 hours D. 5 hours
- When Jackie runs, she averages 2 blocks in one minute. If she does not slow down or speed up, how long will it take her to run 9 blocks?
A. 4 minutes
B. 4 minutes 30 seconds
C. 7 minutes 30 seconds
D. 8 minutes
- Students washed cars to raise funds for their school. They collected a total of \$291 by charging \$3.00 per car. How many cars did they wash?
A. 97 B. 180 C. 294 D. 873

7. If the Stoll family travels 240 miles in 4 hours, what is their average speed in miles per hour (mph)?

- A. 55 mph
- B. 56 mph
- C. 58 mph
- D. 60 mph

8. A swimmer swims a quarter of a mile in 12 minutes. How far does she swim in one hour?

- A. 1.0 mile
- B. 1.25 miles
- C. 1.5 miles
- D. 1.75 miles