

Distance Formulas Review

Name: _____

Date: _____ Period: _____

Solve using the formulas:

$$\text{Distance} = \text{Rate} * \text{Time}$$

$$\text{Rate(speed)} = \text{Distance} / \text{Time}$$

$$\text{Time} = \text{Distance} / \text{Rate}$$

1. A car traveled 1,254 miles in 22 hours. Calculate the speed of the car in miles per hour.
2. A train traveled 2,520 miles in 42 hours. What is the velocity of the train?
3. A plane travels 1250 miles in 2.5 hours. What is the speed of the airplane in miles per hour?
4. A truck travels 55 miles per hour for 12 hours. How far did the truck travel in miles?
5. One train leaves Newark traveling at a rate of 135 miles per hour for 3 hours. A second train leaves Newark traveling 105 miles for 9 hours. Which train traveled the longest distance in miles?