Name: Date: / / Pd: Score: / 20

## SPEED & VELOCITY

Directions: Solve the following problems showing all six steps on the back and write you final answer in the spaces below.

v = d / t d = v x t t = d / v

1. Calculate the velocity of a car traveling a distance of 220 km in 10 hrs.
2. What is the velocity of a jet that leaves Detroit and travels 3,230 km to Los Angeles in 3 hrs?
3. Determine the speed of a bus that traveled from Miami to Washington, D.C.(1,250 km) in 120 min.
4. Determine the distance a bus would have to travel when moving at 85 km/hr for 8 hrs.
5. A boat travels at 240 miles/hr for 2 hrs. How far does the boat get?
6. Driving from Montevallo to Huntsville (10 miles) at 80 mph would take how long to get to Huntsville?
7. Find the distance traveled when a BMW drives 120 km/hr for 10 hrs.
8. How long would it take Michael Jordan to travel 10 m at 240 m/sec?
9. Find the time it takes for Bobby Allison to travel 120 m at 360 m/sec.
10. What would be the speed of a car traveling 480 km in 12 min?

#### ANSWERS

1. 6.

2. 7.

3. 8.

4. 9.

5. 10.