Speed Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the difference between distance and displacement (a picture may help)
2. What is the formula for speed?
3. Calvin has swum in a circle a distance of 55 meters. It has taken him 68 seconds. What is Calvin’s speed?
4. Kyle ran 1.5 miles north in a time of 11.5 minutes. What is his velocity?
5. Calvin has swum a distance of 15 meters. It has taken him 0.25 minutes. What is Calvin’s speed in meters/second? (1min=60s)
6. Marlene has been on a cruise for 210 minutes. The ship has traveled 87.5 miles. What is the speed of the cruise ship in miles per hour? (1hr=60 min)
7. Sharon has been driving on the highway at a speed of 60 miles per hour. If she knows her trip is a distance of 28 miles, how long will she be driving?
8. Ralph has is going on a trip and drives his van at a speed of 55miles per hour. He has been driving for 2.3 hours. How far has he traveled?