**MORE PRACTICE WITH SPEED AND VELOCITY**

EXAMPLE: If a guy on a skateboard travels 48 meters in 3 seconds, how fast is he going?

1. If you are traveling at a speed of 55 miles per hour, how long will it take you to go 550 miles?
2. If a speed walker travels 50 meters in 9 seconds, what is the magnitude of the velocity?
3. A train going 75 km per hour travels 1500 km. How long does it take the train to get to its destination?
4. On vacation, you and your family go from Charleston to Asheville. You leave at 5:00 AM arrive at 11:00 AM that same morning, and the trip’s distance is 275 miles. Calculate your average velocity.
5. A hiker makes it from his tent to the mountain top after hiking at a speed of 2 m/s. The distance is 250 meters. How many *minutes* does it take him to get there? (HINT: You will have to convert the answer into minutes!)
6. You drove at a velocity of 150 km/hr to your friend’s house, and the trip took 2.5 hours. How far is it to your friend’s house?
7. On a road trip to Atlanta to see your favorite band play, you leave at 10:00 AM and arrive at 4:00 PM in the afternoon. If the trip’s distance is 300 miles, calculate your average velocity.
8. You drove at a speed of 88 km/hr to go camping in Virginia, and the trip took 10 hours. How far is it to the campsite?
9. If sound waves travel at 330 m/s, how long does it take for a sound wave to travel from one mountain peak to another if the peaks are 2000 meters apart?
10. A world class runner ran 195 meters in 21.22 seconds. What was her average speed?
11. Coach Smith loves him some golf. He hits a golf ball using his 5 iron with a speed of 35 meters per second in 6 seconds. How far did he hit the golf ball?