**Speed Practice Problems**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions: Solve the following speed problems. Use the triangle to help solve the problems. Show all your work. Circle you answer.**

**d**

**t**

**s**

1. Calculate the speed for a car that went a distance of 125 kilometers in 2 hours.
2. A baseball is thrown a distance of 20 meters. What is its speed if it takes 0.5 seconds to cover the distance?
3. How much time does it take for a bird flying at a speed of 45 kilometers per hour to travel a distance of 1,800 kilometers?
4. A comet is cruising through the solar system at a speed of 50,000 kilometers per hour for 4 hours. What is the total distance traveled by the comet during this time?
5. If Steve throws the football 50 meters in 3 seconds, what is the average speed of the football?
6. If it takes Ashley 3 seconds to run from the batter’s box to first base at an average speed of 6.5 meters per second, what is the distance she covers in this time?
7. Brian ran 5000 meters from his house to Henry Clay High School at an average speed of 6 meters per second. How long did it take him to get to school?
8. If Justin races his Chevy S-10 down Nicholasville Road for 2560 meters in 60 seconds, what is his average speed?
9. Mike rides his motorcycle at an average speed of 20 meters per second for 500 seconds, how far did he ride?
10. It took Jordan 17 minutes to walk 1 mile around the track during PE. What was his speed?