**Velocity/Speed Calculations Continued**

1. Calculate the average velocity (in meters/sec) if a golf cart runs 140 meters [E] in 10 seconds
2. Calculate the average velocity (in km/hr) of Charlie who runs to the store + 4 km away in 30 minutes?
3. Calculate the displacement (in km) that Charlie runs if he maintains the average velocity from question 2 for 1 hour.
4. A bicycle rider travels 50.0 km in 2.5 hours. What is the cyclist’s average speed?
5. What is the average speed (in miles per hour) of the car that traveled a total of 200 miles in 5.5 hours.
6. What is the definition of the word PER?
7. How much time would it take for the sound of thunder to travel 2000 meters if sound travels a speed of 330 meters per sec.
8. How much time would it take for an airplane to reach its destination if it traveled at an average velocity of 790 km/hr for a distance of 5000 kilometers.
9. An ant can travel approximately 30 meters per minute. How many meters could an ant move in 45 minutes?
10. If humans originated in Africa and migrated to other parts of the world, some time would be required for this to occur. At the modest rate of one kilometer per year, how many centuries would it take for humans originating in Africa to travel to China, some 10,000 Kilometers away?