Speed and Distance Word Problems

Name: _____ Class: _____

Show your workings.

1.   Yesterday I drove 9 hours at a speed of 120 km/h.
      How many kilometers did I drive?

2.   A ufo has a speed of 3,000 km/h. The distance between A and
      B is 7,500 km. How long will it take the ufo to fly from A to B?

3.   The distance between my house and work is 50 km.
      If I go by motorbike at an average speed of 25 km/h,
      how long will this distance take me?

4.   An airplane flies at an average speed of 1,000 km/h.
      The distance between London and New York is 5,500 km.
      How long will it take the airplane to travel between the 2 cities?

5.   Yesterday I walked 12 kilometers in the park at an average
      speed of 2.5 km/h. For how long did I walk in the park?

6.   The distance between Amsterdam and Paris is 500 km. It will take a
      TGV train 2.5 hours to travel between the 2 cities. How fast is this train?

Answers

Show your workings.

1. Yesterday I drove 9 hours at a speed of 120 km/h. How many kilometers did I drive?

   9 x 120 = 1,080 kilometers

2. A ufo has a speed of 3,000 km/h. The distance between A and B is 7,500 km. How long will it take the ufo to fly from A to B?

   7,500 ÷ 3,000 = 2.5 hours or 2 hours and 30 minutes

3. The distance between my house and work is 50 km. If I go by motorbike at an average speed of 25 km/h, how long will this distance take me?

   50 ÷ 25 = 2 hours

4. An airplane flies at an average speed of 1,000 km/h. The distance between London and New York is 5,500 km. How long will it take the airplane to travel between the 2 cities?

   5,500 ÷ 1,000 = 5.5 hours of 5 hours and 30 minutes

5. Yesterday I walked 12 kilometers in the park at an average speed of 2.5 km/h. For how long did I walk in the park?

   12 ÷ 2.5 = 4.8 hours = 4 hours and 48 minutes

6. The distance between Amsterdam and Paris is 500 km. It will take a TGV train 2.5 hours to travel between the 2 cities. How fast is this train?

   500 ÷ 2.5 = 200 km/h