Name - _ _ _ _ _ _ _ _

Start time - _ _ : _ _

End time - _ _ : _ _

Solve the following

1. For each of the following, use the speed and time given to calculate the distance travelled.
   a) speed 98 km/h, time = 3.5 hours
   b) speed 25 mph, time = 2.7 hours
   c) speed 72 mph, time = 171 minutes
   d) speed = 15 m/s, time = 9 minutes

2. For each of the following, use the speed and distance given to calculate the time taken.
   a) speed = 2.5 km/h, distance = 4 km
   b) speed = 9 m/s, distance = 61.2 km
   c) speed = 5 m/s, distance = 9.3 m
   d) speed 8 cm/s, distance = 1.96 m

3. A flight to Spain takes 2 hours and 15 minutes. If the plane travels at an average speed of 480 mph, how far does the plane travel?

4. For each of the following, use the mass and volume given to calculate the density.
   a) mass = 200 kg, volume = 540 m³
   c) mass = 1088 kg, volume = 1.6 m³
   b) mass = 23 kg, volume = 0.5 m³
   d) mass = 2498 g, volume = 0.25 cm³

5. A limestone statue has a volume of 0.4 m³. Limestone has a density of 2610 kg/m³. Calculate the mass of the statue.

1   2   3   4   5   6   7   8   9