

Speed and Distance Word Problems

Name: _____ Class: _____

Show your workings.

1. Yesterday I roller skated for 3.5 hours at a speed of 8 km/h. How many kilometers did I skate?



2. A jet fighter has a speed of 2,000 km/h. How long will it take the jet to fly a distance of 5,000 kilometers?

3. I can reach an average speed of 30 km/h on my bicycle. How long will it take me to cycle 75 kilometers?



4. Yesterday I ran 12 kilometers in 90 minutes. How fast did I go?

5. Yesterday I walked 180 minutes at an average speed of 2.5 km/h. What distance did I walk?



6. The distance between 2 trees is 600 meters. It will take a bird 1 minute to fly between these 2 trees. How fast is the bird?

Answers

Show your workings.

1. Yesterday I roller skated for 3.5 hours at a speed of 8 km/h. How many kilometers did I skate?

$$3.5 \times 8 = 28 \text{ kilometers}$$



2. A jet fighter has a speed of 2,000 km/h. How long will it take the jet to fly a distance of 5,000 kilometers?

$$5,000 \div 2,000 = 2.5 \text{ hours or 2 hours and 30 minutes}$$

3. I can reach an average speed of 30 km/h on my bicycle. How long will it take me to cycle 75 kilometers?

$$75 \div 30 = 2.5 \text{ hours}$$



4. Yesterday I ran 12 kilometers in 90 minutes. How fast did I go?

$$(12 \div 90) \times 60 = 8 \text{ km/h}$$

5. Yesterday I walked 180 minutes at an average speed of 2.5 km/h. What distance did I walk?

$$(180 \div 60) \times 2.5 = 7.5 \text{ kilometers}$$



6. The distance between 2 trees is 600 meters. It will take a bird 1 minute to fly between these 2 trees. How fast is the bird?

$$600 \times 60 = 36,000 \text{ meters per hour} = 36 \text{ km/h}$$