Ursula drives 100 km from Blueville to Red City. The road from Blueville to Greentown has a speed limit of 80 km/h, while the road from Greentown to Red City has a speed limit of 60 km/h. If it takes her 1.5 hours to get from Blueville to Red City, how long is the trip between Blueville and Greentown?

Zach goes for his morning 2 km jog around the neighbourhood. Zach runs part of the way at a speed of 10 km/h and jogs the rest at a speed of 7 km/h. If it took him 15 minutes (0.25 h), how far did he run and how far did he jog? *Round your final answers to 2 decimal places, where appropriate.*
Word Problem Practice – Distance/Speed/Time

1. Jack drove 50 km/h from Smithville to Dry Gulch. From Dry Gulch to Streetsville, he drove at 80 km/h. The whole trip was 550 km and took 8 hours. How far is it from Dry Gulch to Streetsville?

2. It took Maria 9 hours to drive the 580 km between Devils Basin and Tumbleweed. The first part of the trip was through mountains and she averaged 60 km/h. Once out of the mountains, she averaged 70 km/h the rest of the way. How many hours did she spend driving through the mountains?

3. Fred took 7 h to drive from Cheyenne to Boothill, a total distance of 485. He drove most of the way at 80 km/h, but was slowed to 30 km/h for a time by a dust storm during the trip. How many hours did he spend driving through the dust storm?

4. The distance from the highway to Lake Snow was 160 km and Jacques made the trip in 11 hours. For the first part of the journey he used a snowmobile and traveled at 20 km/h. The last part of the trip was made on skis, where he averaged 10 km/h. How far did he travel on skis?

5. Sarah spent 2 hours more travelling by train than she did by bus. The train averaged 70 km/h and the bus 50 km/h. The total distance traveled was 740 km. How far did she travel by bus?

6. It took the football team 5 hours to travel from Titletown to Toronto, a total distance of 1320 km. Part of the trip was by bus and the remainder by plane. The bus averaged 40 km/h and the plane 600 km/h. How many hours were spent travelling by bus?

7. It is 395 km from Ski Valley to Vancouver. Kim made the trip in 6 hours, travelling by bus and train. The train averaged 70 km/h and the bus 60 km/h. How much time was spent travelling by train?

Answers:

1] 400 km  2] 5 hours  3] 1.5 hours  4] 60 km  5] 250 km  6] 3 hours  7] 3.5 hours