



# Speed problems

How long will it take a bike rider to travel 36 mi at a constant speed of 9 miles per hour?

4 hours

$$9 \overline{)36}$$

$$\text{Time} = \text{Distance} \div \text{Speed}$$

If a car traveled 150 mi at a constant speed in 5 hours, at what speed was it traveling?

30 mph

$$5 \overline{)150}$$

$$\text{Speed} = \text{Distance} \div \text{Time}$$

If a bus travels for 5 hours at 40 mph, how far does it travel?

$$5 \times 40 = 200 \text{ mi}$$

$$\text{Distance} = \text{Speed} \times \text{Time}$$

A car travels along a road at a steady speed of 60 mph. How far will it travel in 6 hours?



A train covers a distance of 480 mi in 8 hours. If it travels at a constant speed, how fast is it traveling?

John walks at a steady speed of 3 mph. How long will it take him to travel 24 miles?



A car travels at a constant speed of 65 mph. How far will it have traveled in 4 hours?

Melanie completes a long distance run at an average speed of 6 mph. If it takes her 3 hours, how far did she run?

Sarah cycles 30 mi to her grandmother's house at a steady speed of 10 mph. If she leaves home at 2:00 P.M., what time will she arrive?

