

## Speed, Time, and Distance Worksheet

<p><b>1 a.</b> Mary rides her bike 43.3 km in 4 hours 20 minutes. What is her average speed in kilometers per hour?</p>	<p><b>1 b.</b> An airplane flies with a constant speed of 1000 km/h. How far can it travel in 17 minutes?</p>
<p><b>2 a.</b> An airplane flies with a constant speed of 920 km/h. How far can it travel in 1 hour 38 minutes?</p>	<p><b>2 b.</b> A van moves with a constant speed of 104 km/h. How long will it take to travel a distance of 422.9 kilometers?</p>
<p><b>3 a.</b> A van moves 52 km in 32 minutes. What is its average speed in kilometers per hour?</p>	<p><b>3 b.</b> An airplane flies with a constant speed of 960 km/h. How long will it take to travel a distance of 3552 kilometers?</p>
<p><b>4 a.</b> Noah rides his horse with a constant speed of 11 km/h. How far can he travel in 1 hour 47 minutes?</p>	<p><b>4 b.</b> An airplane flies with a constant speed of 1000 km/h. How far can it travel in 3 hours 56 minutes?</p>
<p><b>5 a.</b> Noah rides his horse with a constant speed of 16 km/h. How long will he take to travel a distance of 6.7 kilometers?</p>	<p><b>5 b.</b> An airplane flies with a constant speed of 800 km/h. How long will it take to travel a distance of 2853.3 kilometers?</p>

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**6 a.** An airplane flies with a constant speed of 720 km/h. How far can it travel in 4 hours 12 minutes?

**6 b.** An airplane flies with a constant speed of 600 km/h. How far can it travel in 2 hours 18 minutes?

## Answer Key

<b>1 a.</b> Her average speed is 10 kilometers per hour.	<b>1 b.</b> It can travel 283.3 kilometers in 17 minutes.
<b>2 a.</b> It can travel 1502.7 kilometers in 1 hour 38 minutes.	<b>2 b.</b> It takes 4 hours 4 minutes or 4s to travel a distance of 422.9 kilometers.
<b>3 a.</b> Its average speed is 97.5 kilometers per hour.	<b>3 b.</b> It takes 3 hours 42 minutes or 3s to travel a distance of 3552 kilometers.
<b>4 a.</b> He can travel 19.6 kilometers in 1 hour 47 minutes.	<b>4 b.</b> It can travel 3933.3 kilometers in 3 hours 56 minutes.
<b>5 a.</b> He takes 25 minutes or $\frac{5}{12}$ hour to travel a distance of 6.7 kilometers.	<b>5 b.</b> It takes 3 hours 34 minutes or 3s to travel a distance of 2853.3 kilometers.
<b>6 a.</b> It can travel 3024 kilometers in 4 hours 12 minutes.	<b>6 b.</b> It can travel 1380 kilometers in 2 hours 18 minutes.