Speed, Time, and Distance Worksheet

1 a. An airplane flies 810 miles in 1 1/2 hours. What is its average speed in miles per hour?

1 b. David rides his bike with a constant speed of 12 km/h. How long will he take to travel a distance of 12 kilometers?

2 a. An airplane flies with a constant speed of 740 miles per hour. How far can it travel in 1 3/4 hours?

2 b. Juan rides his motorcycle 348 km in 3 hours. What is his average speed in kilometers per hour?

3 a. Emily rides her horse with a constant speed of 16 km/h. How long will she take to travel a distance of 4 kilometers?

3 b. Abigail roller skates with a constant speed of 12 miles per hour. How long will she take to travel a distance of 15 miles?

Answer Key

1 a.	Its average speed is 540 miles per hour.	**1 b.**	He takes 1 hour to travel a distance of 12 kilometers.
2 a.	It can travel 1295 miles in 1 3/4 hours.	**2 b.**	His average speed is 116 kilometers per hour.
3 a.	She takes 15 minutes or 1/4 hour to travel a distance of 4 kilometers.	**3 b.**	She takes 1 hour 15 minutes or 1 1/4 hours to travel a distance of 15 miles.