

Foundation	✓
Higher	✓



Speed Distance Time

<p>Question 1</p> <p>Convert the following</p> <p>a. 150m/s to km/s 0.15</p> <p>b. 12m/s to km/s 0.012</p> <p>c. 4 m/s to cm/s 400</p> <p>d. 12 cm/s to m/s 0.12</p>	<p>Question 2</p> <p>Convert the following</p> <p>a. 30 minutes to hours 0.5</p> <p>b. 90 minutes to hours 1.5</p> <p>c. 0.25 hours to minutes 15</p> <p>d. 2.5 hours to minutes 150</p>
<p>Question 1</p> <p>Nina goes out for a walk. She walks at an average pace 2m/s. Calculate how long it will take Nina to walk 400m. 200 seconds</p>	
<p>Question 2</p> <p>George enjoys cycling. It takes George 40 seconds to cycle 800m. Calculate his average speed. 20m/s</p>	
<p>Question 3</p> <p>Heidi is a runner. She goes running at an average pace of 5m/s. Calculate how far Heidi will run in 3 minutes. 900m</p>	
<p>Question 4</p> <p>Mark drives from his house to his office for work. His office is located 30km away. He drives at a average speed of 60 km/hr to work. Calculate the travelling time. 30 minutes</p>	
<p>Question 5</p> <p>Joseph is driving to the seaside. The route he is taking is 40 km. He estimates the time it will take him to drive the route is 30 minutes. Calculate what his average speed must be. 80 km/hr</p>	
<p>Question 6</p> <p>A train sets off. It will take the train 15 minutes to reach the next station. The train travels at an average speed of 80km/hr between the stations. Calculate the distance between the stations. 320km/hr</p>	
<p>Question 7</p> <p>A plane is flying at an average speed of 450mph. Calculate how many miles the plane will fly over 90 minutes, 675 miles</p>	
<p>Question 8</p> <p>A speed boat travels at 5 m/s. Calculate the length of time it will take to travel 1km. 200 seconds</p>	
<p>Question 9</p> <p>A train covers 300 miles in 90 minutes. Calculate the speed of the train in mph. 200 mph</p>	
<p>Question 10</p> <p>Joseph sets off from home at 9:00am to travel to his friend's house. He cycles at an average speed of 3m/s and his friend lives 1.5km away. Calculate the time which he will reach his friend's house. Give your answer to the nearest minute. 9:08 am</p>	