Distance = 300 m
Time = 5 sec

Speed = \frac{\text{Distance}}{\text{Time}}

Calculate the speed:

Distance = 900 miles
Time = 300 minutes

Speed = \frac{\text{Distance}}{\text{Time}}

Calculate the speed:

If a car travels 400m in 20 seconds how fast is it going?
Speed =

Calculate the speed:

If you move 50 meters at a speed of 10 m/s, how long will it take?
Time =

Calculate the time:
(Use your triangle on 2\text{nd} page)

You arrive in my class in 45 seconds going a speed of 5 m/s. How far did you travel?
Distance =
Calculate the distance:
(Use your triangle on 2\text{nd} page)

Calculate the distance for a dog running through a field if he is traveling at 10 m/min for 15 minutes.
Distance =
Calculate the distance:
(Use your triangle on 2\text{nd} page)
Alexis drove her car for 3 hours and drove 150 miles and then drove 350 miles in 4 hours. Find her average speed for the journey.

Average Speed = \[
\frac{\text{Total Distance}}{\text{Total Time}}
\]

Calculate the speed:

A man walks 7 km in 2 hours and 2 km in 1 hour in the same direction. Find her average speed for the journey.

Average Speed = \[
\frac{\text{Total Distance}}{\text{Total Time}}
\]

Calculate the speed:

Remember, cover up the letter you are trying to find, and behold the equation.
### Average Speed Practice
**Include units!**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Time</th>
<th>Speed Calculation</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 m</td>
<td>5 sec</td>
<td>Speed = (\frac{Distance}{Time}) (\frac{300 \text{ m}}{5 \text{ sec}} = 60 \text{ m/s})</td>
</tr>
<tr>
<td>900 miles</td>
<td>300 minutes</td>
<td>Speed = (\frac{Distance}{Time}) (\frac{900 \text{ miles}}{300 \text{ min}} = 300 \text{ mi/min})</td>
</tr>
</tbody>
</table>

If a car travels 400m in 20 seconds how fast is it going?

\[
\text{Speed} = \frac{Distance}{Time} = \frac{400 \text{ m}}{20 \text{ sec}} = 20 \text{ m/s}
\]

You arrive in my class in 45 seconds going a speed of 5 m/s. How far did you travel?

\[
\text{Distance} = \text{Speed} \times \text{Time} = 5 \text{ m/s} \times 45 \text{ sec} = 225 \text{ m}
\]

If you move 50 meters at a speed of 10 m/s, how long will it take?

\[
\text{Time} = \frac{Distance}{Speed} = \frac{50 \text{ m}}{10 \text{ m/s}} = 5 \text{ sec}
\]

Calculate the distance for a dog running through a field if he is traveling at 10 m/min for 15 minutes.

\[
\text{Distance} = \text{Speed} \times \text{Time} = 10 \text{ m/min} \times 15 \text{ min} = 150 \text{ m}
\]
Alexis drove her car for 2 hours and drove 150 miles and then drove 350 miles in 4 hours. Find her average speed for the journey.
Average Speed = \[
\frac{\text{Total Distance}}{\text{Total Time}}
\]
Calculate the speed:

83.33 mi/hr

A man walks 7 km in 2 hours and 2 km in 1 hour in the same direction. Find her average speed for the journey.
Average Speed = \[
\frac{\text{Total Distance}}{\text{Total Time}}
\]
Calculate the speed:

3 km/hr

Remember, cover up the letter you are trying to find, and behold the equation.