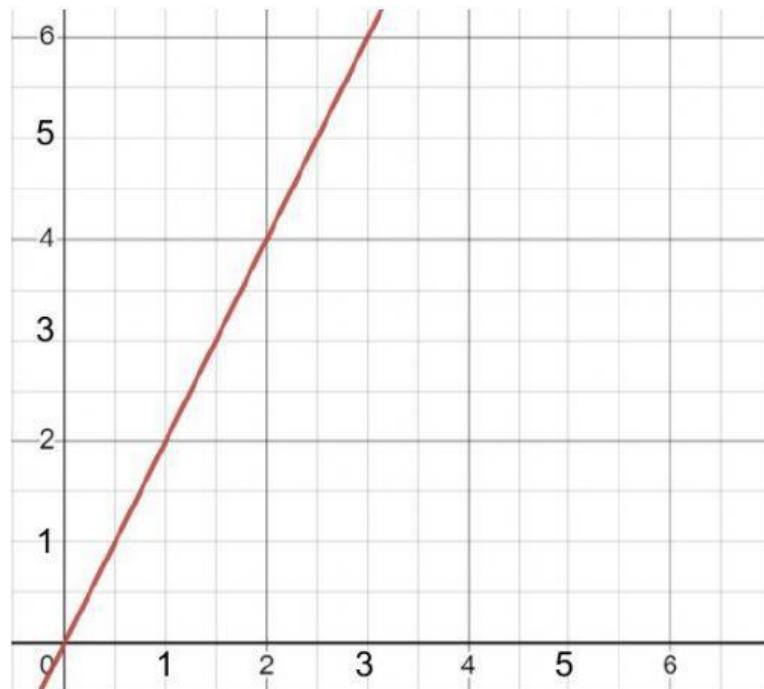


Calculating Speed from Graphs Intro Practice

Use the Speed graph below to help you answer the questions.



1. Find the **instantaneous speed** at time 2s.

Step 1: Find the distance traveled at 2 seconds. Distance = _____ m

Step 2: Find the speed using the formula $S=d/t$. Speed = _____ m/s

2. Find the **instantaneous speed** at time 3s.

Step 1: Find the distance traveled at 3 seconds. Distance = _____ m

Step 2: Find the speed using the formula $s=d/t$. Speed = _____ m/s

3. Find the **average speed** for the entire journey.

Step 1: Find the TOTAL distance traveled.

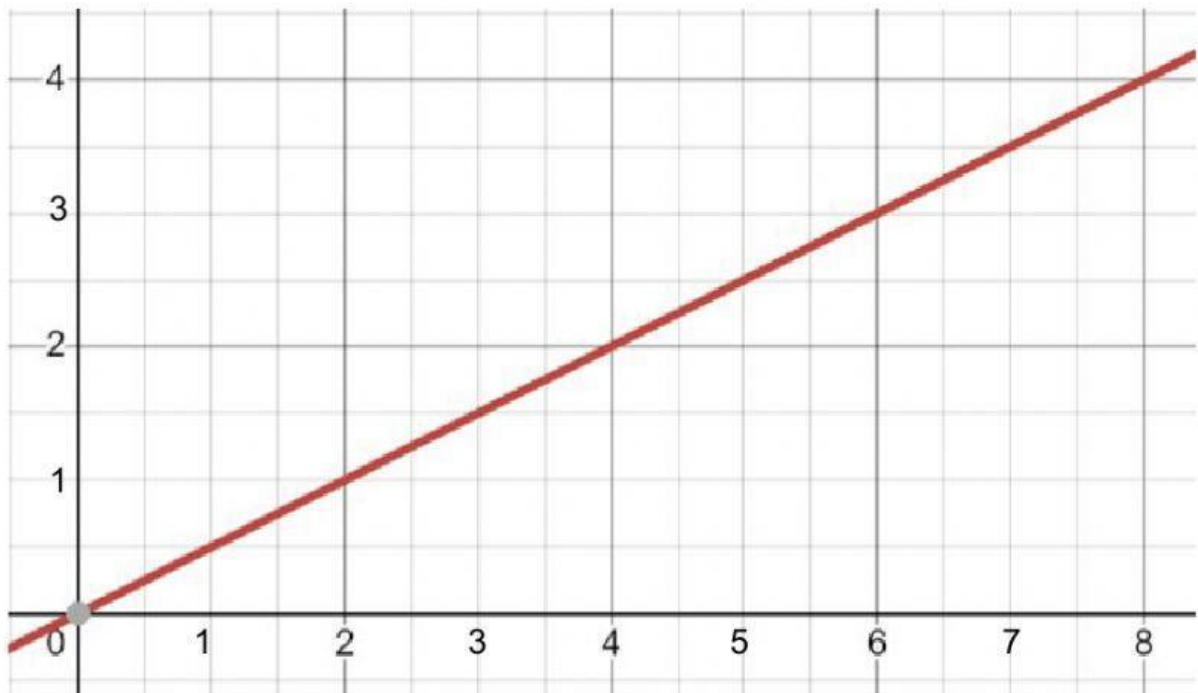
Final distance (_____ m) - Initial distance (_____ m) = _____ m

Step 2: Find the TOTAL time traveled

Final time (_____ s) - Initial time (_____ s) = _____ s

Step 3: Find the speed using the formula $s=d/t$. Speed = _____ m/s

Use the Speed graph below to help you answer the questions.



1. Find the **instantaneous speed** at time 2s.

Step 1: Find the distance traveled at 2 seconds. Distance = _____ m

Step 2: Find the speed using the formula $S=d/t$. Speed = _____ m/s

2. Find the **instantaneous speed** at time 4s.

Step 1: Find the distance traveled at 4 seconds. Distance = _____ m

Step 2: Find the speed using the formula $s=d/t$. Speed = _____ m/s

3. Find the **average speed** for the entire journey.

Step 1: Find the TOTAL distance traveled.

Final distance (_____ m) - Initial distance (_____ m) = _____ m

Step 2: Find the TOTAL time traveled

Final time (_____ s) - Initial time (_____ s) = _____ s

Step 3: Find the speed using the formula $s=d/t$. Speed = _____ m/s