



What is reference point?



What is the average speed equation?



What 2 things make up velocity?





An ant traveled 10 centimeters in 5 minutes. Then he traveled another 10 centimeters in 5 minutes.

Solve for the average speed.





A runner traveled 18 miles in 2 hours to the north.

What is the velocity?



A car traveled 200 miles in 2 hours. Then it traveled another 200 miles in 3 hours.

Solve for the average speed.



A lion ran south. He traveled 100 meters in 5 seconds.

What is the velocity?





What has to CHANGE in order for the velocity to change?













Graph the following scenario:



A girl runs constant, medium speed. She stops to rest. Then she runs constant, fast speed.

Graph the following scenario:



The tortoise walked at a constant speed to the finish line. He then turned around and walked back to the reference point.

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Graph the following scenario:

• Ms. Salzburg decided to run a marathon. The farther she ran, the more tired she became so she slowed down. Eventually, she got so tired that she had to stop to rest.

Graph the following scenario:



A race car started off slow and then went faster and faster until it reached maximum speed.



Graph the following scenario:

A professional sprinter sped up as he ran the 100 meter race. As he got closer to the finish line, he slowed down and then stopped.