

Name: _____

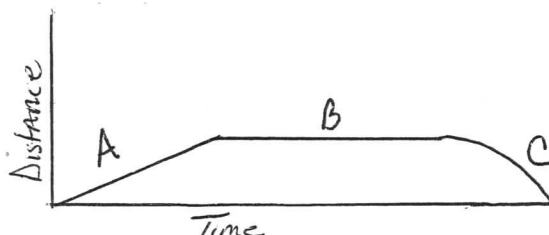
Section: _____

Find someone who...

Can define in their own words

| Displacement | Velocity | Acceleration |
|--------------|----------|--------------|
| | | |

Can identify the type of motion at A, B, C on the distance vs. time graph below.



Can explain the difference between speed and velocity.

Can list 3 different units for

| | |
|----------------|--------------|
| Distance | Time |
| Speed/Velocity | Acceleration |

Can calculate the velocity of a car traveling 207 miles in 3.5 hours.

Can give you an equation to solve for one of the following

| | |
|-------------------|---------------------------------------|
| Speed = (S) | Acceleration = (a) |
| Time = (T) | Time = (T) |
| Distance = (D) | Final Velocity = (V _f) |

Can explain the difference between positive & negative acceleration.

Name: _____

Section: _____

Find someone who...

Can calculate how long it will take a ball to reach a speed of 24.5 m/s if it accelerates from rest at 4.8 m/s^2

Can calculate the time needed to travel 100 miles at 14 mph .

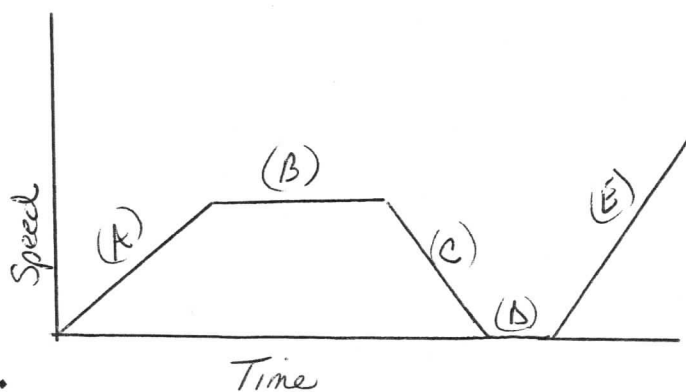
Can calculate the distance an object travels if its speed is 3 m/s and it flies for 17 seconds.

Draw a picture showing distance and displacement of an object.

Can calculate the momentum of a 12 kg bowling ball traveling at 4.77 m/s towards the pins.

Can describe 3 ways to make an object experience acceleration.

Can identify the type of motion at points A, B, C, D and E on the Speed vs Time graph below.



Can calculate the acceleration of a car as it goes from 10 m/s to 3 m/s in 5 seconds.