Distance of Golf Cart vs. Time

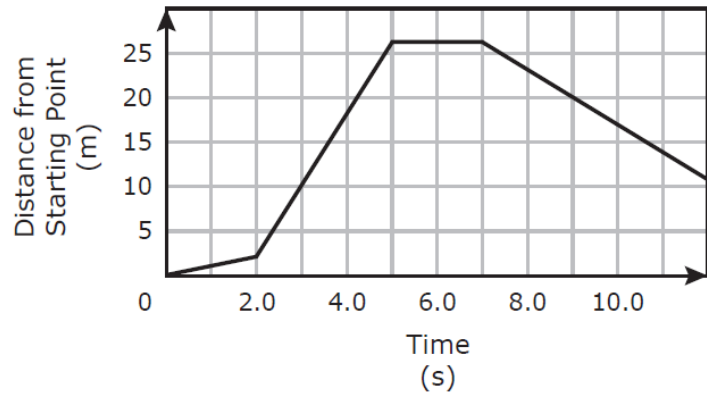## Trip to Oklahoma

Independent Variable:　　　　　Dependent Variable:
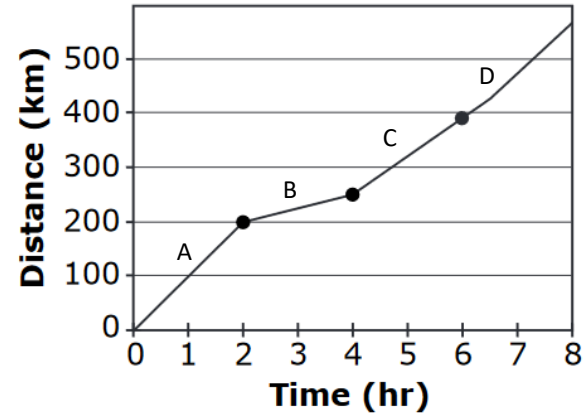
Domain:　　　　　Range:

Between what two times is the cart moving the fastest? What is the rate of change during this time period?

Between what two times is the cart not moving? What is the rate of change during this time period?

What is the rate of change between 7.0 seconds and 12.0 seconds?

In the context of this graph, what does it mean for a rate of change to be positive or negative?

Independent Variable:　　　　　Dependent Variable:

Domain:　　　　　Range:

During which segment of the trip does it appear that the car is traveling the fastest? How can you tell?

During which segment of the trip does it appear that the car is traveling the slowest? How can you tell?

Calculate the Rate of Change of Each Separate Segment

x	y

Segment A Rate of Change	Segment B Rate of Change
Segment C Rate of Change	Segment D Rate of Change