

Last Name: \_\_\_\_\_

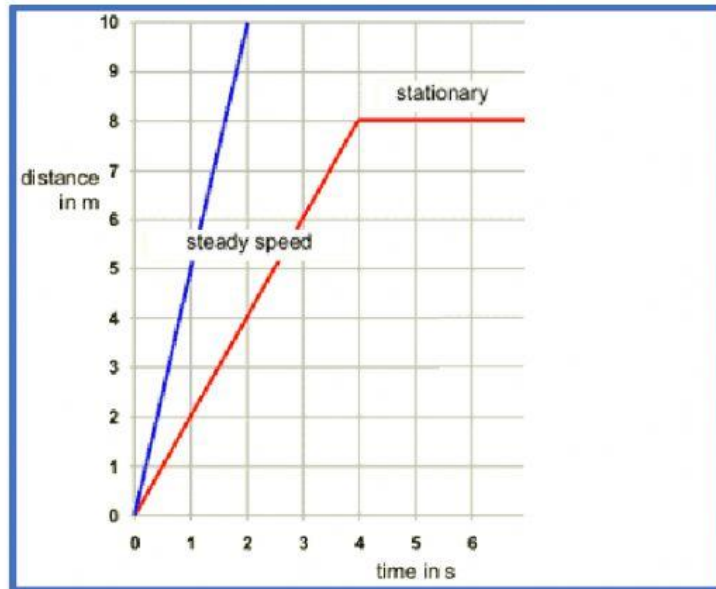
First Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_

## Forces and Graphs Review

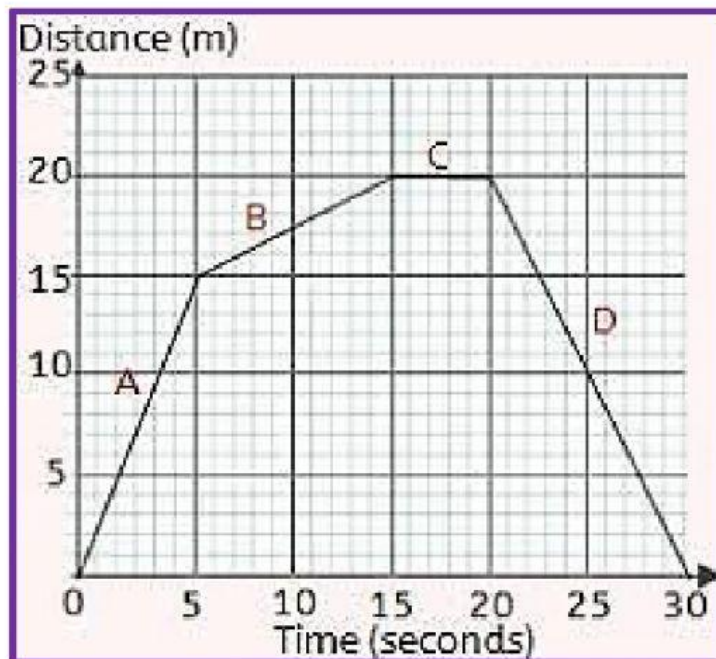
### Questions1



Use the red graph

1. What is the label of the **x-axis** (horizontal)? \_\_\_\_\_
2. What is the label of the **Y-axis** (vertical)? \_\_\_\_\_
3. when time is **1 seconds** the distance is \_\_\_\_\_
4. When time is **2 seconds**, the distance is \_\_\_\_\_
5. When time is **4 seconds** the distance is \_\_\_\_\_
6. When time is **6 second** the distance is \_\_\_\_\_
7. The distance between **4 second** and **6 seconds** is the same because the object is at ( **rest** or **moving** –choose one ) \_\_\_\_\_

## Question 2



1. What are the two times, when the object is at rest (20 M) ? \_\_\_\_\_
2. What is the distance at 15 meters?
3. Which line represents faster speed? (A or B)
4. Which line represents at rest (not moving) (A, B, or C)
5. Which line represents when the object is returning to the zero position? (A or D)

### Question3



Use the **Red Graph**

Find the **Speed**

1. What is the **Distance** at **4 seconds**       $d =$

2. What is the **time** at **8 meters**?       $t =$   
When the object stopped!

3. Use the formula **Speed** = distance/time

**Speed** =  $d/t =$

Shot before the object stopped

4. The speed between 7seconds and 4 seconds is \_\_\_\_\_

Distance 2 at 7 sec=\_\_\_\_\_ time 2= 7 sec

Distance 1 at 4 sec=\_\_\_\_\_ time 1= 4 sec

Average speed = (distance 2 – distance 1)/(time 2 – time 1) =

Average speed = (  -  ) / (  -  )

Average speed =

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## Question 4

You drove a distance of 50 miles and the time you took was 2 hours.

What was your speed?  $S = \text{distance}/\text{time}$

$d = 50$  miles

$t = 2$  hours

$S = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \boxed{\phantom{000}} \text{ miles/hour}$