

Last Name: _____

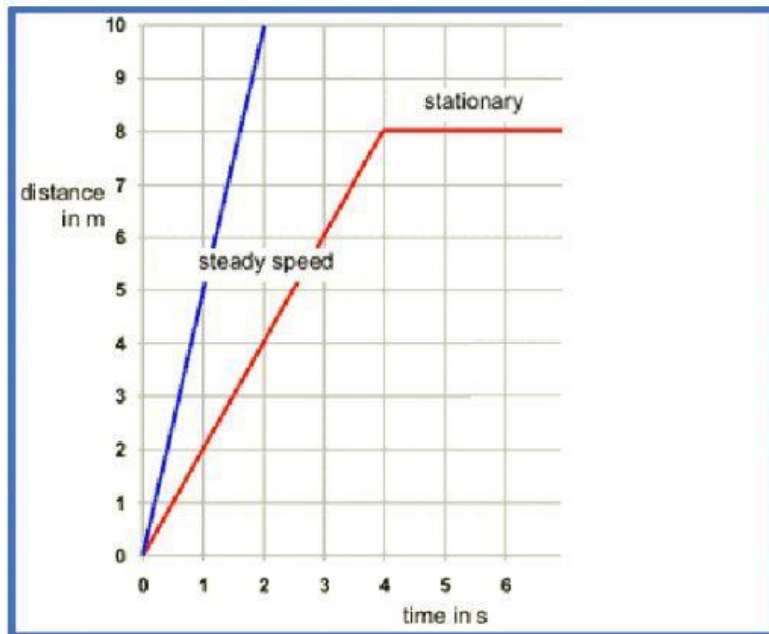
First Name: _____

Period: _____

Date: _____

Forces and Graphs Review

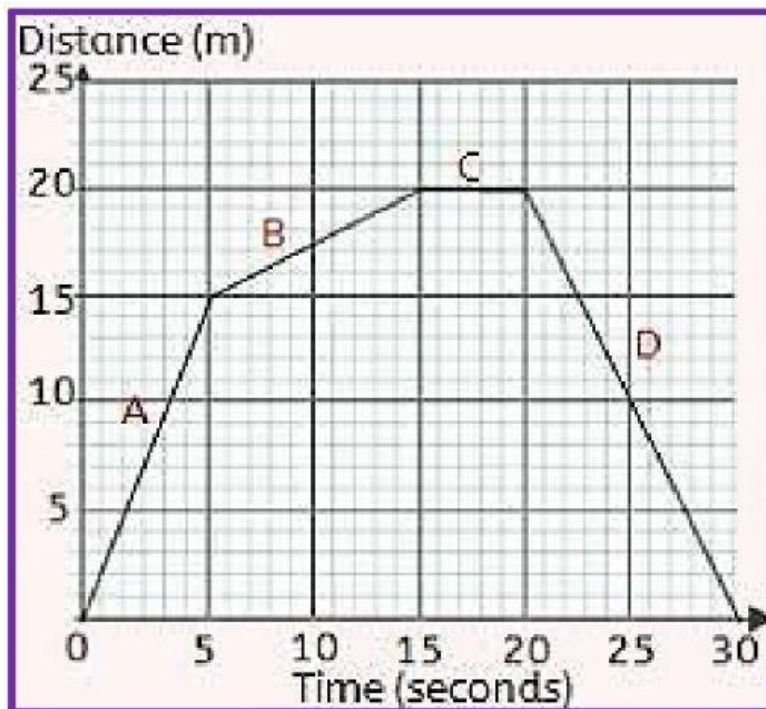
Questions1



Use the red graph

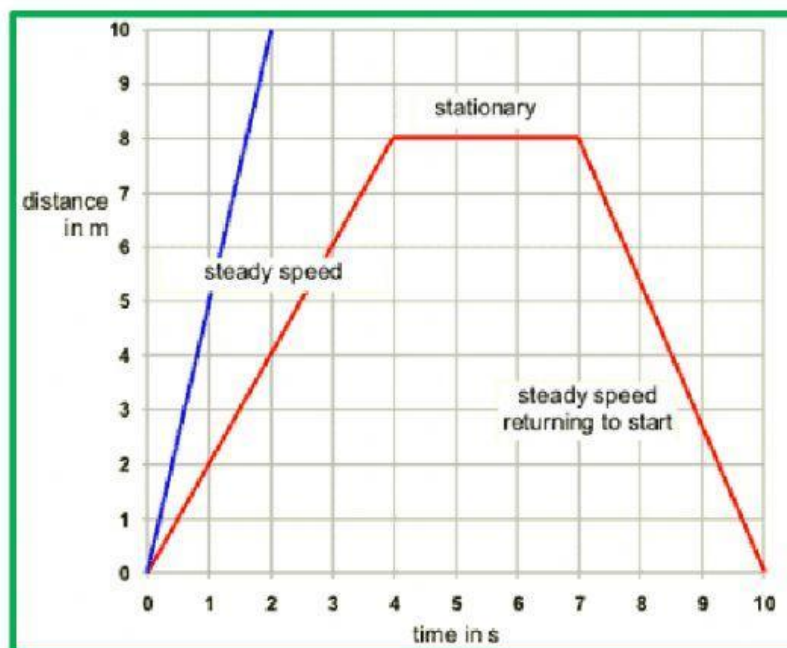
1. What is the label of the **x-axis** (horizontal)? _____
2. What is the label of the **Y-axis** (vertical)? _____
3. when time is **1 seconds** the distance is _____
4. When time is **2 seconds**, the distance is _____
5. When time is **4 seconds** the distance is _____
6. When time is **6 second** 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 =

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

$S = \frac{\text{}}{\text{}} = \frac{\text{}}{\text{}} = \text{}$ miles/hour