



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Using the graph below, describe the car's movement between **4 seconds** and **8 seconds**.

**A** stopped in traffic  
**B** moving slowing  
**C** accelerating  
**D** decelerating

2 According to the graph, after **3 seconds**, how fast was the car going?

**A** 4 m/s  
**B** 3 m/s  
**C** 2 m/s  
**D** 1 m/s

3 This graph shows that a car moved, stopped, and then moved again. How far had the car gone after **8 seconds**?

**A** 1 m  
**B** 2 m  
**C** 3 m  
**D** 4 m

4 If the car continued moving slowly at **0.5 m/s**, by **14 seconds**, the car would have gone a **total** of about \_\_\_\_\_ meters.

**A** 14  
**B** 7  
**C** 5  
**D** 4



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

constant speed  
**B** accelerating even faster  
**C** decelerating  
**D** standing still

**A** working  
**B** climbing  
**C** acceleration  
**D** deceleration

9 If two cars are traveling next to each other and are going the **same speed**, scientifically, there has been **no motion between** the two cars.  
 True or false?

**A** true  
**B** false

10 **Deceleration** means \_\_\_\_\_.

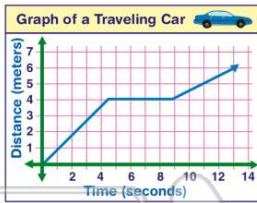
**A** going faster  
**B** going at the same speed  
**C** going up  
**D** slowing down



## ANSWER KEY

Using the graph below, describe the car's movement between **4 seconds** and **8 seconds**.

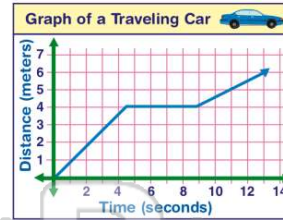
- A** stopped in traffic
- B** moving slowing
- C** accelerating
- D** decelerating



(a)

According to the graph, after **3 seconds**, how fast was the car going?

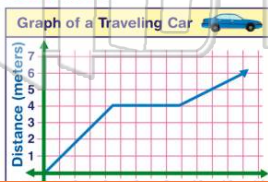
- A** 4 m/s
- B** 3 m/s
- C** 2 m/s
- D** 1 m/s



(d)

This graph shows that a car moved, stopped, and then moved again. How far had the car gone after **8 seconds**?

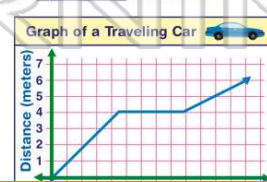
- A** 1 m
- B** 2 m
- C** 3 m
- D** 4 m



(d)

If the car continued moving slowly at **0.5 m/s**, by **14 seconds**, the car would have gone a **total** of about \_\_\_\_\_ meters.

- A** 14
- B** 7
- C** 5
- D** 4



(b)



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- B** accelerating even faster
- C** decelerating
- D** standing still



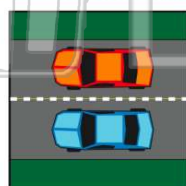
- C** acceleration
- D** deceleration



If two cars are traveling next to each other and are going the **same speed**, scientifically, there has been **no motion** between the two cars.

**True or false?**

- A** true
- B** false



(a)

**Deceleration** means \_\_\_\_\_.

- A** going faster
- B** going at the same speed
- C** going up
- D** slowing down

(d)