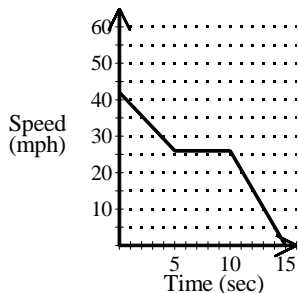


NAME: \_\_\_\_\_

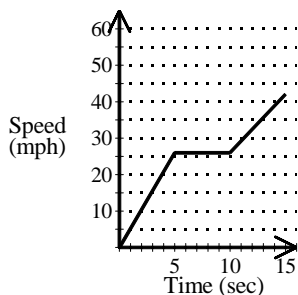
1. Which graph below would match the situation described?

A car travelling at 26 mph accelerates to 42 mph in 5 seconds. It maintains that speed for the next 5 seconds, and then slows to a stop during the next 5 seconds.

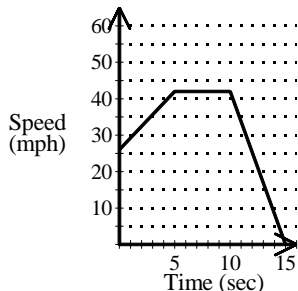
[A]



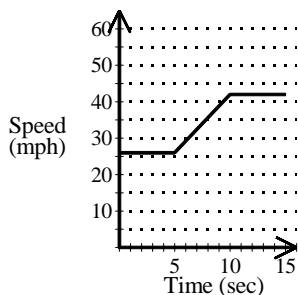
[B]



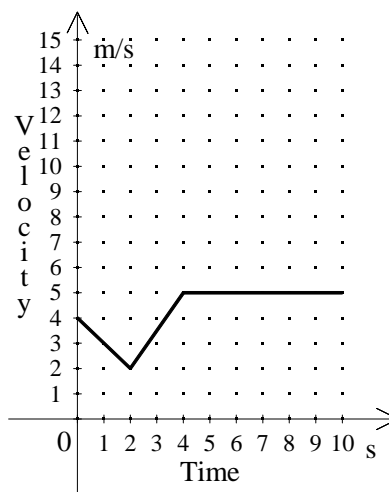
[C]



[D]

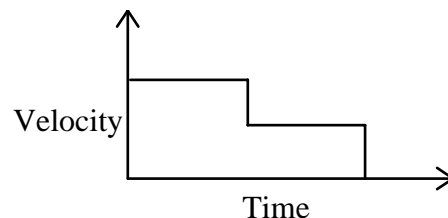


2. Describe the motion of the car indicated in the velocity-time graph below.

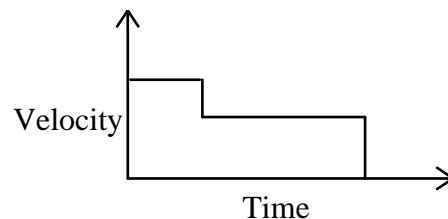


3. Marty ran 2 miles in 15 minutes and then jogged 3 miles in 40 minutes. Which graph below best describes her workout?

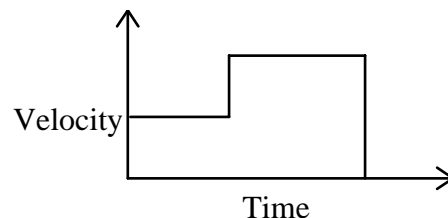
[A]



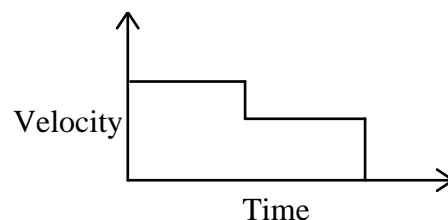
[B]



[C]

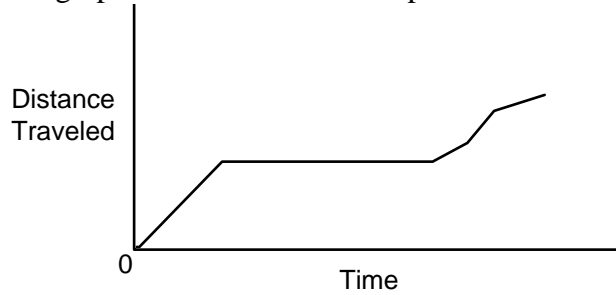


[D]

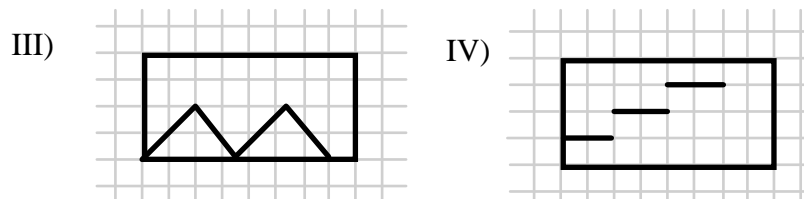
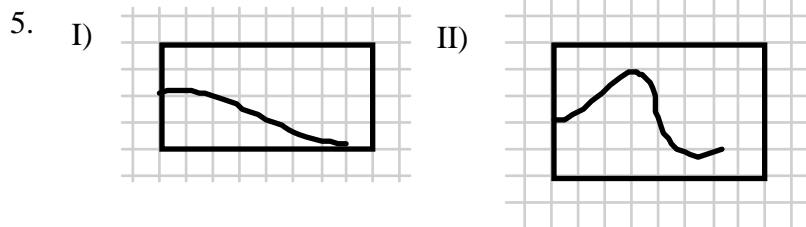


NAME: \_\_\_\_\_

4. The graph shows the relationship between time and distance traveled.

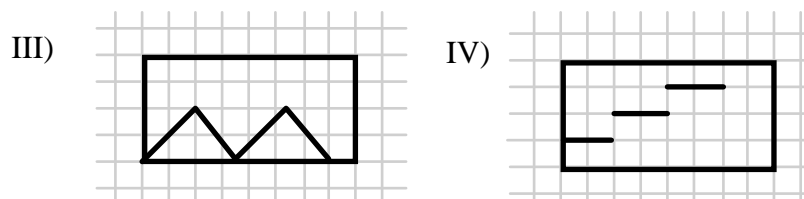
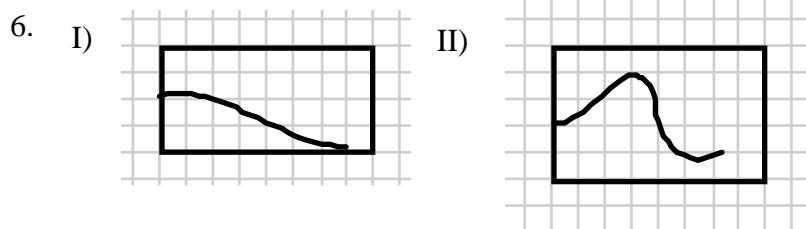


Describe a situation that the graph might show.



Which graph above best represents the following: a person's body temperature as he enters a sauna and then cools off in a jacuzzi?

- [A] IV                      [B] III                      [C] II                      [D] I



Which graph above best represents the following situation: the temperature of a glass of tap water before ice cubes are added and then as the ice cubes melt?

- [A] II                      [B] III                      [C] I                      [D] IV

[1] C

The car starts with a velocity of 4 m/s, decreases velocity to 2 m/s, increases velocity to 5 m/s, and then maintains that

[2] velocity.

[3] B

Answers may vary. Sample: The graph could show someone's trip to work. The person traveled for a short time at a consistent rate, stopped to get something to eat, and then traveled in traffic at various rates until

[4] arriving at work.

[5] C

[6] C