

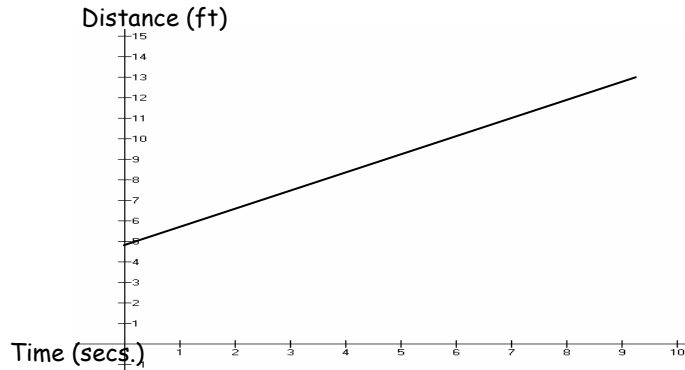
Name \_\_\_\_\_

## Distance Match Student Pages

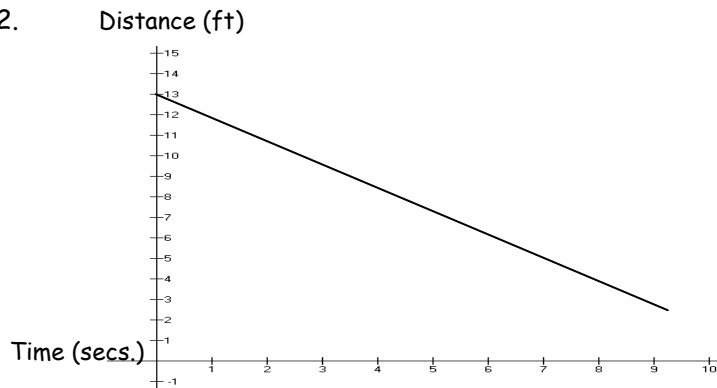
Adapted from Texas Instruments, Inc.

**Directions.** Examine each graph below, then develop a "walking strategy" that would result in such a graph. Write your strategies next to the graphs. Be sure to be detailed, but concise. Be sure to discuss beginning distance, speed, direction (toward or away from sensor), and changes in speed of the walker.

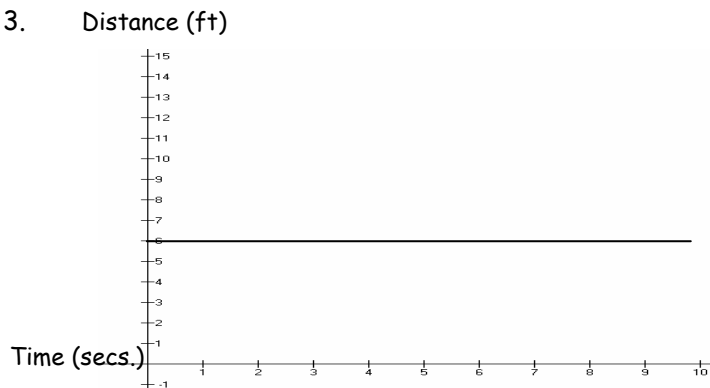
1.



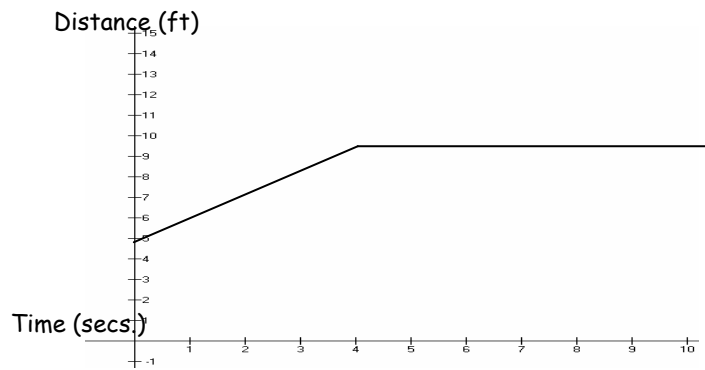
2.



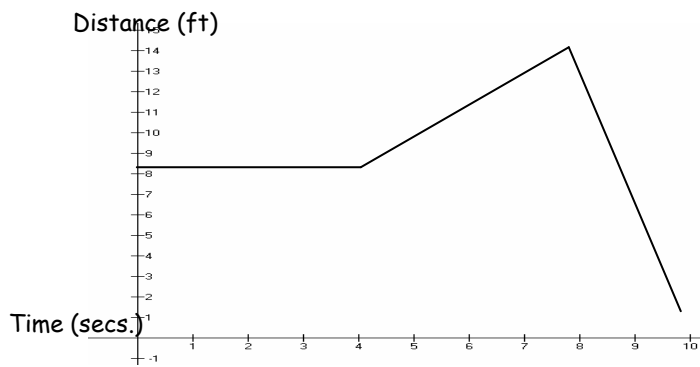
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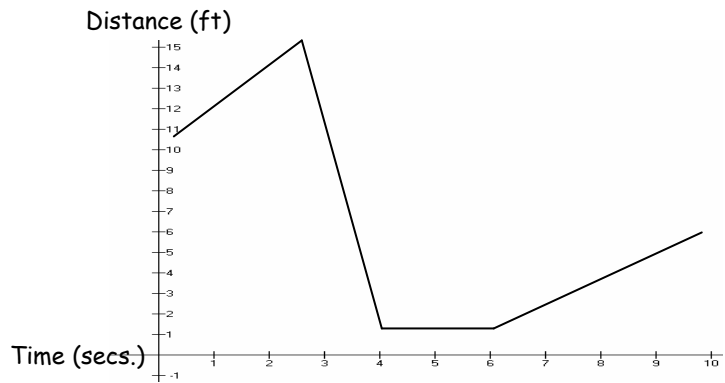
4.



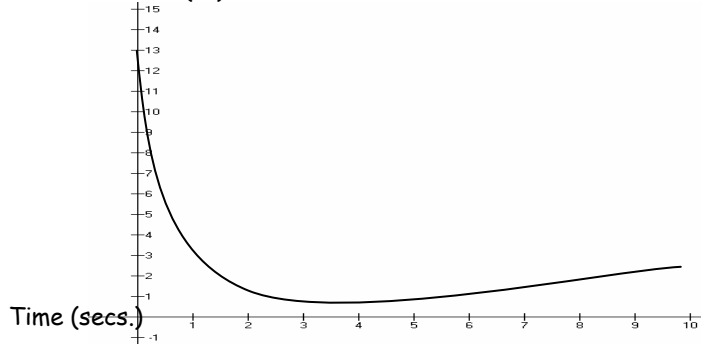
5.



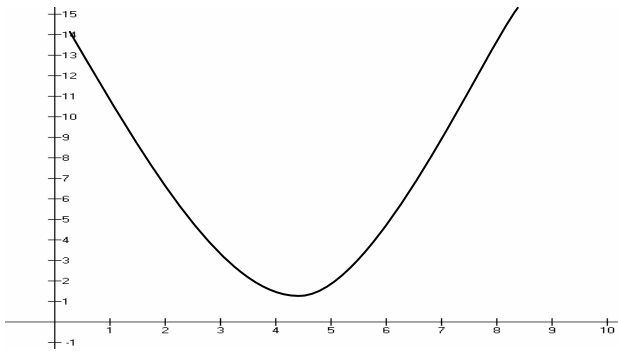
6.



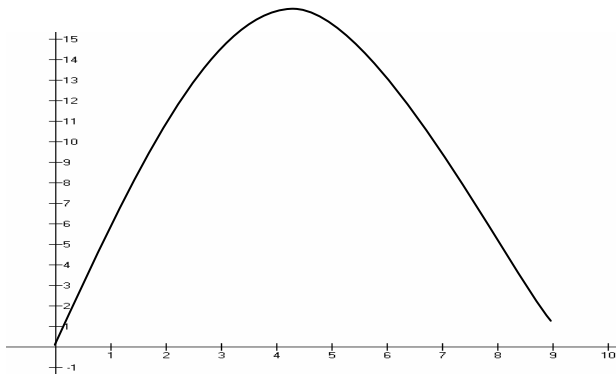
7. Distance (ft)



8.



9.



10.

