

Graph Descriptions (KEY)

- A. In Graph A, the object moves away from the reference point at decreasing speed. I know this because the slope (line) starts out steep and then gets flatter.
- B. In Graph B, the object moves away from the reference point at constant speed because the slope is straight. Then the object goes back towards the reference point because the slope is negative (pointing down). The object moves at constant speed because the slope is straight and only moves back half the distance. Finally, the object moves away from the reference point at constant speed.
- C. In Graph C, the object moves away from the reference point at a slower constant speed because the slope is straight and is not steep. Then the object is stationary (not moving) because the slope is flat. Finally, the object moves away from the reference point at a faster constant speed because the slope is straight and steeper than before.
- D. In Graph D, the object is moving away from the reference point at a slow constant speed because the slope is straight and not steep. Then the object moves away from the reference point at a medium constant speed because the slope is straight and steeper than before. Finally, the object moves away from the reference point at a fast constant speed because the slope is straight and is the steepest.
- E. In Graph E, the object is moving away from the reference point at a slower constant speed because the slope is straight and steep. Then the object is stationary (not moving) because the slope is flat. Finally, the object moves back towards the reference point at a faster constant speed because the slope is straight, steeper, and negative (pointing down).
- F. In Graph F, the object moves away from the reference point at increasing speed because the slope starts out flat and gets steeper. Then the object has decreasing speed because the slope gets flatter. Finally, the object has increasing speed because the slope gets steeper.

Name: _____ Period: _____
Date: _____

Graph Descriptions

- A. In Graph A, the object moves _____ from the _____ at _____
_____. I know this because the _____ starts out
_____ and then gets _____.
- B. In Graph B, the object moves _____ from the _____ at _____
_____ because the _____ is _____.
Then the object goes _____ because the _____ is
_____. The object moves at _____ because the
_____ is _____ and only moves back
_____. Finally, the object moves _____ from the
_____ at _____.
- C. In Graph C, the object moves _____ from the _____ at a
_____ because the _____ is _____
and is not _____. Then the object is _____ because the
_____ is _____. Finally, the object moves _____ from the
_____ at a _____ because the
_____ is _____ and _____ than before.
- D. In Graph D, the object is moving _____ from the _____ at a
_____ because the _____ is
_____ and not _____. Then the object moves _____
from the _____ at a
_____ because the _____ is
_____ and _____ than before. Finally, the object moves
_____ from the _____ at a
_____ because the _____ is _____ and is
the _____.
- E. In Graph E, the object is moving _____ from the _____ at a
_____ because the _____ is
_____ and _____. Then the object is _____ because the
_____ is _____. Finally, the object moves
_____ at a _____
because the _____ is _____, _____, and
_____.
- F. In Graph F, the object moves _____ from the _____ at
_____ because the _____ starts out _____

and gets _____ . Then the object has _____ because the
_____ gets _____ . Finally, the object has
_____ because the _____ gets _____ .