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We always read from left to right for words and for graphs.

Treat the graph like a hill. If you go from left to right, if you have to climb up, the function is increasing. If you go down from left to right, the function is decreasing. If you neither rise nor descend as you move left to right, the function $f(x)$ is constant.

a) $0 < x < 1$ and $1 < x < 3$
(O to A) (A to B)

b) $3 < x < 7$ and $9 < x < 10$
(B to C) (D to E)

c) $7 < x < 9$
(C to D)

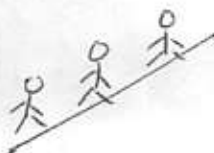
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~~ste~~ The slope of $f(x)$ can be thought of as a measure of steepness.

A curved slope would have changing steepness



A straight slope would have constant steepness.



a) none; all segments are straight

b) none; all segments are straight

c) each segment has constant slope

$0 < x < 1$, $1 < x < 3$, $3 < x < 7$, $7 < x < 9$, $9 < x < 10$