Properties of Graphs Activity

For each example, sketch a possible graph for a function f that has the specified properties. Compare your graphs with your group members and discuss how you determined your graph.



7.	f'(x) < 0,	8. f is increasing,
	f(x) > 0,	f(x) > 0,
	f''(x) < 0	f''(x) > 0
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9.	f is decreasing,	10. f is decreasing,
	f(x) < 0,	f(x) > 0,
	f' is increasing	f' is decreasing
11.	f is increasing,	12. f is decreasing,
	f(x) < 0,	f(x) < 0,
	f' is increasing	f''(x) < 0
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