

# Supplement #1

Exercises 17 and 18 refer to the graph in Fig. 20.

17. (a) At which labeled points is the function increasing?  
 (b) At which labeled points is the graph concave up?  
 (c) Which labeled point has the most positive slope?

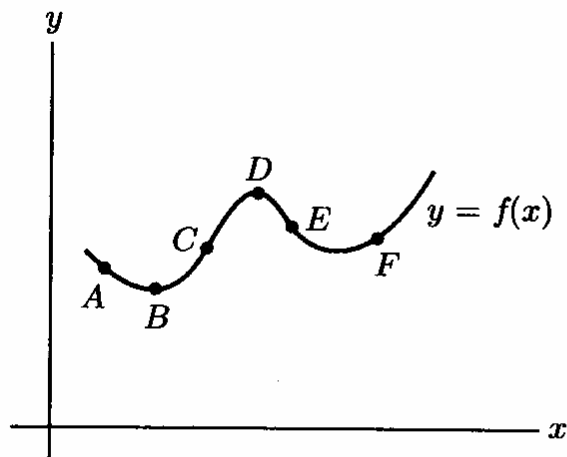


Figure 20

18. (a) At which labeled points is the function decreasing?  
 (b) At which labeled points is the graph concave down?  
 (c) Which labeled point has the most negative slope (that is, negative and with the greatest magnitude)?

Answers:  
 17. (a) C, F (b) A, B, F (c) C  
 18. (a) A, E (b) D (c) E