

## Section 1.5

17. Increasing: never; Decreasing:  $(-\infty, \infty)$
23. Increasing:  $[-8, 0] \cup [8, \infty)$ ; Decreasing:  $(-\infty, -8] \cup [0, 8]$
27. Increasing:  $(-\infty, \infty)$ ; Decreasing: Never
33. Increasing:  $[1, \infty)$ ; Decreasing: Never
41. Increasing:  $(-\infty, -2] \cup [1, \infty)$ ; Decreasing:  $[-2, 1]$
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63., 64., 65.

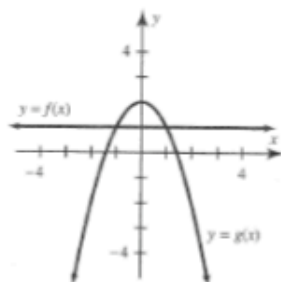


Figure 63

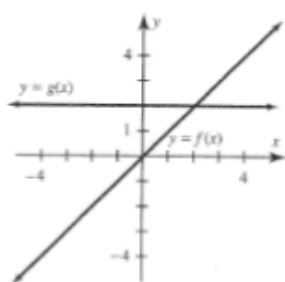


Figure 64

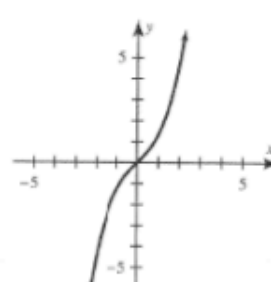


Figure 65

66., 67., 68.

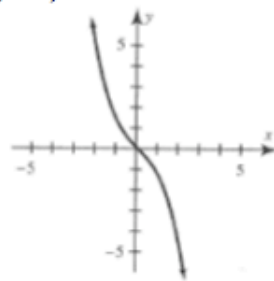


Figure 66

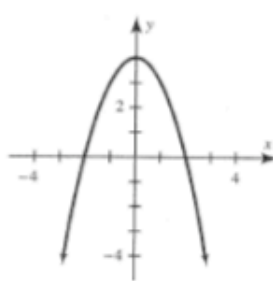


Figure 67

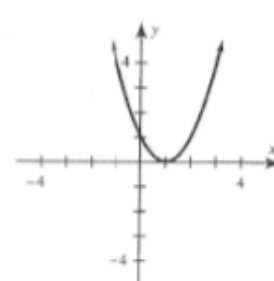


Figure 68