

1-2 b. pg 20: 24-28, 34, 36, 37, 45, 55, 56, 89, 109, 110

24. Symmetric w/ respect to x-axis
Symmetric w/ respect to y-axis
Symmetric w/ respect to origin

25. Symmetric w/ respect to x-axis

26. Symmetric w/ respect to origin

27. Symmetric w/ respect to x-axis
" " y-axis
" " origin

28. Symmetric w/ respect to origin

34. neither 36. neither 37. Even

45. a. $D = [0, 4]$ $R = [1.2 \text{ mill}, 11.2 \text{ mill}]$

b. 4.1, 4.2 million

c. 1.1, 1.2 million

d. No - more than zero houses in the domain

55. $D = (-8, -4] \cup (-2, \infty)$
 $R = (-6, \infty)$

56. $D = [-7, -3) \cup [0, 6) \cup (7, \infty)$
 $R = (-\infty, 4) \cup [6]$

89 a. 13 b. $16x^2 + 40x + 3$ c. $9n^2 - 24n - 6$

109. B 110. F