

SM3H 1.4 ODD answer key

1. $x = 3, x = 1$

3. b

5. a, b

7. 2

9. 3

11. 4

13. degree: 2

even

$$\lim_{x \rightarrow -\infty} f(x) = \infty \quad \lim_{x \rightarrow +\infty} f(x) = \infty$$

15. degree: 3

odd

$$\lim_{x \rightarrow -\infty} f(x) = \infty \quad \lim_{x \rightarrow \infty} f(x) = -\infty$$

17. $x(x + 7)(x + 6)$

19. $(8x + 1)(8x - 1)$

21. $3x^2 + x - 10$

23. (1, 3)

25. $m = 1$