

SM3 1.4 Odd Answers

1. $x = 4, x = -4$

3. $x = 15, x = -15$

5. $x = 2, x = -2$

7. $x = 4$

9. $x = -\frac{5}{16}$

11. $x = 16$

13. $x = 5, x = -5$

15. $x = 12$

17. $x = -2$

19. $x = 16$

21. $x = \frac{7}{3}, x = -\frac{7}{3}$

23. $y = \frac{8-2x}{-3}$ or $y = \frac{2x}{3} - \frac{8}{3}$

25. $R = PN + C$

27. $x = \frac{bd-fd}{c}$ or $x = \frac{d(b-f)}{c}$

or $x = \frac{bd}{c} - \frac{df}{c}$

29. 96%

31. $P(x) = 3x^2 + 48$

33. $x = 416$; When 416 snow cones are sold, the profit will be \$100