

KEY TO BLUE SHEET #1 (Chapter 1)

1. 8 2. Perpendicular 3. $y = 4x - 13$ 4. 4 5. $x = -3$ 6. $y = 7$
7. slope: $5/2$, intercept: $(0, -4)$ 8. Graph of $y = -3x + 1$ 9. $y = .20x + 2$, \$90,000
10A. $C = 190X + 1275$ 10B. $R = 445x$ 10C. 5

KEY TO BLUE SHEET #2 (Chapters 2 and 5)

1. $(-4, -3)$ 1B. $(-1/2, 2/5)$ 2. 150 and 750 3. -4, -5, 7 4. 6, 4, 4
5. \$2812.50 6. 19.28 years 7. \$730.57 8. \$16555.75

KEY TO BLUE SHEET #3 (Chapter 10)

1. x intercepts: $(6, 0)$ and $(-6, 0)$ y intercept: $(0, 36)$ 2. only symmetric about the y axis
3. $11/2$ 4. $10x + 5h$ 5. d 6A. $(-\infty, 6) \cup (6, \infty)$ B. $[0, \infty)$
C. $(-4, -2) \cup (0, 6) \cup (8, \infty)$ D. $(-\infty, -4) \cup (-4, 0) \cup (0, \infty)$ 7A. f 7B. b
7C. 16, -11, -6 7D. $f(x) = |x - 2| - 4$ 7E. a 8. -1 9. $f(x) = -\sqrt{x - 3} - 4$