Answer Key

1. \((−4x^2 + 12x - 8) / (2x - 3)\)
2. 3000
3. False
4. A
5. \(p(t) = 1.5t + 84; 84\) cents
6. D
7. \(C(x) = 10x + 450.\)
8. C
9. B
10. 6.
11. B
12. A
13. False
14. C
15. A
16. \(\frac{1}{3}x^3 + \frac{1}{2}x^2\)
17. False
18. A
19. Decreasing by 18 toasters/month
20. C
21. \((3 * (x - 3 * y)^2) / (9 * (x - 3 * y)^2 + 1)\)