

21. \$2,194.61

22. \$5,986.00

23. \$5,217.81

24.  $\log_a b = x$

25. 11.5 years

26. \$341.33

27.  $y = \frac{1}{2}x + 3$

28.  $y = 1,700x + 17,000$

6 years = \$6,800

29. \$366.60

30. \$14,745.40

31. \$60.15

32.  $(2x + 9)(x + 1)$

33.  $(4x - 1)(x + 5)$

$$x = 1/4, -5$$

34. \$8,614.03

35. \$21,189.49

36. 5.7%

37. 4.8 years

38. \$10.18, \$66.82

39. \$1,276.50

40. \$402.17