

Exercise Set 1.1

56. 49 mph or 61 mph

Exercise Set 1.2

10. $\frac{A}{1+rt} = P$

34. \$48,000

64. $9\frac{3}{5}$ h

66. $6\frac{2}{3}$ h

Exercise Set 1.3

44. $x = \frac{-5 \pm \sqrt{31}}{2}$

86. 10,000 books

90. 12.5 by 12.5 in.

Exercise Set 1.4

34. $x = 5$ or 7

82. 13.0 ft.

Exercise Set 1.5

60. At least 78 mi.

64. $20^\circ \leq C \leq 40^\circ$

66. 168.4 to 177.5 cm

Exercise Set 1.6

2. $r = ks^2$

4. $p = \frac{k}{q}$

6. $t = krs^3$

8. $u = \frac{kv}{w^2}$

10. $A = khr^2$

24. 437.5 lb./ft.²

38. 295 lb.

40. $d = 16$ in.