Answers for Lesson 7-7, pp. 384–385  Exercises

1. 3, 3, 6, 6, 6, c
2. j, h, g, j
3. $w = \frac{V}{\ell h}$
4. $s = \frac{P}{4}$
5. $p = qd$
6. $s = \frac{1}{2}r + 4$
7. $m = \frac{3}{2}n + \frac{15}{2}$
8. $a = 2m - b$
9. $s = \frac{C}{0.04}; $4,900
10. $h = \frac{C}{1.5} - 2; 6 \text{ h}$
11. $h = \frac{2V}{\pi r^2}$
12. $h = \frac{2}{3}d^2$
13. $h = \frac{2A}{a + b}$
14. a. $H = \frac{N}{7L}$
   b. 9 ft

15. Answers may vary. Sample: Solve the equation for $h$ and substitute the known values.

16. a. $v = \frac{P}{1.5w} - \frac{h}{1.5}$
   b. 3.5 h