

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 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