

Name

Answers

Date

1.2 - Solving Multi-Step Equations

1) $d - 5.25 = -3.75$

$$d = 1.5$$

2) $15 = b + 4.2$

$$10.8 = b$$

3) $-2.5 = \frac{h}{7}$

$$-17.5 = h$$

4) $-0.08j = 2.4$

$$j = -30$$

5) $2x + 10 = 56$

$$x = 23$$

6) $-12 + \frac{j}{4} = 9$

$$j = 84$$

7) $9x + 9 = 12$

$$x = \frac{1}{3} \text{ or } 0.\overline{3}$$

8) $-22 = -5b - 3b$

$$2\frac{3}{4} \text{ or } 2.75 = b$$

9) $3 + 4x + 6 = 17$

$x = 2$

10) $6k - 1 + 6k = 11$

$k = 1$

11) $r + 11 + 8r = 29$

$r = 2$

12) $18 = 3(3x - 6)$

$4 = x$

13) $-5(6n + 6) = 30$

$n = -2$

14) $37 = -3 + 5(b + 6)$

$2 = b$

15) $-13 = 5(1 + 4m) - 2m$

$-1 = m$

16) $3(v - 2) + 2(4 + 2v) = 37$

$v = 5$