

HW 1-3**Selected Answers****Int 2**

1. $t = -5.55$

3. $y = 2$

5. $x = \frac{47}{8}$ or $5\frac{7}{8}$

7. $w = -90$

9. $b = 8$

11. $n = 26$

13. $m = -\frac{25}{9}$ or $-2\frac{7}{9}$

15. $t = -\frac{20}{3}$ or $-6\frac{2}{3}$

17. $w = 0.8$

19. $c = -24$

21. $y = \frac{57}{5}$ or $11\frac{2}{5}$

23. True; Sample ans: $\frac{3}{4} \cdot \frac{4}{3} = 1$

25. $x = -\frac{192}{7}$ or $-27\frac{3}{7}$

27. B

$$\begin{aligned} -\frac{7}{8}x &= 24 \\ \left(\frac{7}{8}\right) \cdot -\frac{7}{8}x &= 24 \cdot \left(\frac{7}{8}\right) \\ x &= 21 \end{aligned}$$