

3-4 Assignment D2

Tuesday, 13 October 2026

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1. $5n = 2n + 6$

2. $8a = 2a + 30$

3. $y = 24 - 3y$

4. $2b = 80 - 8b$

5. $12n = 34 - 5n$

6. $3x = 27 - 15x$

28. $\frac{6 - 4y}{2} = y$

29. $\frac{4n - 28}{3} = 2n$

30. $\frac{23 - 11c}{7} = 5c$

31. $\frac{1}{3}(12 - 6x) = 4 - 2x$

32. $\frac{1}{4}(20 - 4a) = 6 - a$

41. $6r - 2(2 - r) = 4(2r - 1)$

42. $5x + 2(1 - x) = 2(2x - 1)$

43. $3 + 4(p + 2) = 2p + 3(p + 4)$

44. $4(a + 2) = 14 - 2(3 - 2a)$

46. $2[5(w + 3) - (w + 1)] = 3(1 + w)$