

Lesson 6.2.4 – Multi-Step Equations With Distributive Property

Extra Practice

Name _____ Date _____ Period: _____

1) $x + 8(x + 2) = 52$

2) $2y + 6(y + 3) = 34$

3) $4y + 2(y - 2) = 8$

4) $9y + 3(y - 6) = 30$

5) $6(x + 2) - 4x = 30$

6) $4(a + 3) - 2(a + 6) = 20$

7) $6(x + 2) - 4x + 6 = 36$

8) $-9(x + 3) + 4x = -2$

9) $-4(y + 3) - 2y = 24$

10) $4(a + 2) - 9 = 11$

11) $-8(y + 2) - 16 = 16$

12) $5(a + 4) - 6a + 1 = 12$

13) $x + 3x + 2x + 3(x + 1) = 30$

14) $2x + 4x + 6x - 2(x + 3) = 34$