

### 3.4 Combining Like Terms.

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$$\#28. \underbrace{y^2 + 12y + 6}$$

$$\#30. \overbrace{3x} \quad \overbrace{-y} \quad \overbrace{-5x} \quad \overbrace{+y}$$

$$\#38. 8y - y = 7y$$

$$\#42. -4a + 12a = 8a$$

$$\#46. j - 8 \text{ can not be simplified.}$$

$$\#56. s - s - s = -s$$

$$\#58. 5a - 5b \text{ can not be simplified}$$

$$\#64. \overbrace{5x} + 3 + \overbrace{+5x} + 4 = 10x + 7$$

$$\#66. \overbrace{6y} + 6 + \overbrace{-y} - 1 = 5y + 5$$

$$\#74. 7(1 + y) + 8(2y + 3)$$

$$= 7 + 7y + 16y + 24$$

$$= 26y + 31$$

$$\#76. 6(t - 3) + 9(2 - t)$$

$$= 6t - 18 + 18 - 9t$$

$$= -3t$$

$$\#80. 6n - (4n + 1)$$

$$= 6n - 4n - 1$$

$$= 2n - 1$$

$$\#82. -3(1 - y) - 5(2y - 6)$$

$$= -3 + 3y - 10y + 30$$

$$= -7y + 27$$

$$\#84. -3(-6y - 8) - 4(5 - y)$$

$$= 18y + 24 - 20 + 4y$$

$$= 22y + 4$$