

Name: _____

Math Practice: Page 7

Class: _____

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| <p>Simplify the expression.</p> <p>1) $13xy - 10x + 5xy$</p> | <p>2) John earned 3% commission on all of his sales in October. His total sales were \$70,000 in October. How much money did he earn in commission?</p> |
| <p>3) A 20 oz. bag of popcorn costs \$2.80. If the unit price stays the same, how much does a 35oz. bag of popcorn cost?</p> | <p>4) Simplify the following expression.</p> $(3a^2 + 5a - 11) - (11a^2 + 2a - 12)$ |
| <p>5) Simplify the expression below.</p> $(3x^3 + 2x^2 - 5x) + (-8x^3 + 3x)$ | <p>6) A dinner bill was \$75.00, and a 20% tip was left for the server. How much money was left as a tip?</p> |
| <p>7) <i>What is the sum of the following.</i></p> $(4 + 3)^2 + 3^2$ | <p>8) Solve for x.</p> $(2x + 40) + (x + 125) = 180$ |