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| 1.) Mr. Martin wrote the following expression for the phrase **5 more than a number.**  **5 + x**  Is he correct or incorrect? Explain. |  |
| 2.) Evaluate the expression for **x = -3** and **y = 2**.  **x2 + y2** |  |
| 3.) Evaluate the expression for **x = 4** and **y = -3**.  **-x2 – y3** |  |
| 4.) Solve for x.  **2x + 3(x – 4) = 3** |  |
| 5.) Solve for y.  **7y – 14 = 4(y – 5)** |  |
| 6.) Solve for a.  **7 – 2a = 14** |  |
| 7.) Solve for x.  **2(x + 4) = 2x + 8** |  |
| 8.) Solve for y.  **4(x – 3) = 2(2x + 8)** |  |
| 9.) Tommy was thinking of 3 consecutive numbers, but forgot them! All he remembers is that they added to -21. Can you tell him his **second term**? |  |
| 10.) The length of a rectangle is 9 cm more than the width. What are the dimensions of the rectangle if the perimeter is 42 cm? |  |
| 11.) Bilal and Ali are renting an apartment. They pay the landlord the first month’s rent. The landlord also requires them to pay an additional half months’ rent. For a security deposit. The total they pay the landlord before moving in is $2325.00. How much is their monthly rent? |  |
| 12.) Selena solved the equation 12 - 3y = 15. Her work is  shown below. Is she correct? Explain your answer.  12 - 3y = 15  3y = 3  y = 1 |  |
| 13. The lengths of the sides of a triangle are represented by three consecutive odd integers. If the perimeter of the triangle is 105 feet, find the lengths of its sides. |  |