Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson #1 – Substituting Variables in Equations Homework

Directions: Use substitution to prove, or disprove, each equation.

|  |  |  |
| --- | --- | --- |
| **Equation** | **Show Work Here!** | **True or False** |
| **7Y = 42****When y = 8** |  |  |
| **2.3 + x = 10.45****When x = 10.22** |  |  |
| **b -** $\frac{3}{4}$ **=** $1\frac{1}{2}$**When b = 2.25** |  |  |
| **12m = 60****When m = 5** |  |  |

**Review Questions**: MUST SHOW WORK.

A 12-ounce bag of Skittles costs $4.08 and a 16-ounce bag of Skittles costs $5.76. Which is the better buy?

In 15 minutes, Carl can staple 5,100 papers. At this rate, how many papers can he staple in 20 minutes?