Section 3.6 Worksheet

Name: _____

Solve the following equations. Round your answer to the nearest hundredth. <u>CHECK YOUR SOLUTIONS!</u>

1.) $9.47x = 7.45x - 8.81$ **<u>CHECK:</u>**

2.) $2y + 5 = -y - 4$ **<u>CHECK:</u>**

3.) $5 + 4(x - 1) = 3(2 + x)$ **<u>CHECK:</u>**

4.) $-4(y + 4) = -2(2y + 8)$ **<u>CHECK:</u>**

5.) $7.87 - 9.65h = 8.52h - 3.21$ **<u>CHECK:</u>**

6.) $27 - y = 7 - y$ **<u>CHECK:</u>**

7.) $-3(4 - r) + 4r = 2(4 + r)$ **CHECK:**

8.) $9 - 4w = 6w + 2 - 3w$ **CHECK:**

9.) $\frac{1}{2}(2k - 4) = 3(k + 2) - 3k$ **CHECK:**

10.) $4.65m - 4.79 = -6.84m$ **CHECK:**

11.) $8n + 4(-5 - 7n) = -2(n + 1)$ **CHECK:**

12.) $\frac{1}{3}(6t - 3) = 6(2 + t) - 5t$ **CHECK:**