**2.3: Subtracting Real Numbers**

**Goals: \***Subtract real numbers

**\*\*You can always change subtraction to:**

**Ex:** –12 – 19 **Ex:** 18 – (–7) **Ex:**  11.7 – (–5)

**Ex:**  $\frac{1}{3}-\frac{1}{2}$ **Ex:**  – 9 – (–12)

**Evaluate when *x* = –2, and *y* = 7.2**

*y* – *x* = \_\_\_ – (\_\_\_) \* The number *x* is negative, you are

subtracting a negative number.

**Evaluate when *x* = –3, and *y* = 5.2**

**Ex:** *x* – *y* + 8 **Ex:** *y* – (*x* – 2) **Ex:** (*y* – 4) – *x*

**To evaluate change subtract the new amount – original amount**

**Ex:** One of the most extreme temperature changes in United States History occurred in Fairfield, Montana on December 24, 1924. At noon, the temperature was 63°F. By midnight, the temperature fell to –21°F. What was the change in temperature?