**2.1 – 2.3 Quiz**

**Study Guide**

**2.1: Real Numbers**

* **Order numbers from least to greatest:**

**Ex:** **Ex:**

* **Find opposites of numbers:**

**Ex:** Find: –*a* if *a* = – 7 **Ex:** Find: –*y* if *y* = 3.6

–*a* = 7 –*y* = –3.6

* **Find absolute value of numbers:**

**Ex**:  **Ex:  Ex: **

12 – 4

1.3 5 8

**Ex:  Ex:  Ex: **

13 + 5 2

18 2 1

* **Classify numbers using “whole,” “integer,” and “rational”:**

**Classify each of the following numbers using all names that apply:**

**Ex:** – 5 **Ex:** 0.6 **Ex:** 175

Integer, Rational Rational Whole, Integer, Rational

**Ex:  Ex:  Ex:** 1463

Rational Rational Whole, Integer, Rational

**2.2: Add Integers**

* **Add numbers with the same signs:**

**Ex:  Ex:  Ex: **

–26 –55.7

* **Add numbers with different signs:**

**Ex:  Ex:  Ex: **

8 4.7

**2.3: Subtract Integers**

* **Rewriting subtraction as adding a negative:**

**Ex:  Ex:  Ex: **

–30 –21.4

* **Subtract a negative number**

**Ex:  Ex:  Ex: **

36 –3.4 –16