**2.1 – 2.4, 2.6 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: **

1.3 −5 8

**Ex:  Ex:  Ex: **

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

**(**because it’s a repeating decimal there

is a way to write it as a fraction)

**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

**2.4: Multiply Integers**

**Ex:  Ex:  Ex: **

−180 48 45

**Ex:  Ex:  Ex: **

276

**2.6: Divide Integers**

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

−6 16 5