Lesson 2.3 **Adding/Subtracting Rational Numbers (Decimals)**

EQ: How do we use what we know about adding and subtracting integers to add and subtract positive and negative decimals?

**KEY IDEA:**When ADDING and SUBTRACTING rational numbers, use the SAME RULES as adding and subtracting integers.

***ADDING and SUBTRACTING DECIMALS:***

1. Rewrite the problem placing the number with the GREATER absolute value on top of the other

**(LINE UP THE DECIMALS).**

1. USE the **RATIONAL NUMBERS Cheat Sheet**-

EX1: - 4.05 + - 7.62 EX2: - 3.92 + 6.89

EX3: Evaluate x + 2y when x= - 3.5 and y= 1.7

EX4: 12.8 - 21.6

EX 5: - 3.92 - 6.89

EX3: Find the distance (DIFFERENCE) between two numbers on a number line.



**-2**$\frac{1}{3}$

**2**$\frac{1}{3}$



 **2.75**

**- 3.25**

Lesson 2.3 **Adding/Subtracting Rational Numbers (Decimals)**

EQ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**KEY IDEA:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***ADDING and SUBTRACTING DECIMALS:***

1. Rewrite the problem, placing the number with the GREATER absolute value on top of the other

**(LINE UP THE DECIMALS).**

2. USE the **RATIONAL NUMBERS Cheat Sheet**-

EX1: - 4.05 + - 7.62 EX2: - 3.92 + 6.89

EX3: Evaluate x + 2y when x= - 3.5 and y= 1.7

EX4: 12.8 - 21.6

EX 5: - 3.92 - 6.89

EX3: Find the distance (DIFFERENCE) between two numbers on a number line.



**-2**$\frac{1}{3}$

**2**$\frac{1}{3}$



 **2.75**

**- 3.25**