Lesson 2.2b **Adding/Subtracting Rational Numbers (Fractions)**

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

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

***ADDING and SUBTRACTING FRACTIONS:***

1. Make sure that both fractions have a COMMON

DENOMINATOR **BEFORE** solving!

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

EX1: - $\frac{8}{3}$ + $\frac{5}{6}$

EX2: - $\frac{4}{5}$ + (- $\frac{3}{10}$ )

EX3: -4 $\frac{1}{7}$ – (- $\frac{6}{7}$ )

EX 4: -8 $\frac{2}{3}$ - 6 $\frac{1}{6}$

EX5: Evaluate 2x + y when x= $\frac{1}{4}$ and y= - $\frac{3}{2}$

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

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

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