

2.3

Subtracting Rational Numbers

DO NOW

Explain how to find the sum of $-8.46 + 5.31$ in your own words.

Subtracting Integers

**Subtraction is the same
as adding the opposite**

- 1. Change the minus sign to addition**
- 2. Change the second number into the opposite**
- 3. Do the problem like a regular addition problem**

$$4 - 9 =$$

$$8 - (-12) =$$

$$-7 - 6 =$$

$$-4 - (-11) =$$

Subtracting Pos. & Neg. Fractions & MN

$$1) \quad -5\frac{1}{3} - \frac{5}{6}$$

$$2) \quad 4\frac{1}{2} - 5\frac{1}{4}$$

Subtracting Pos. & Neg. Decimals

3) $-8.4 - 6.7$

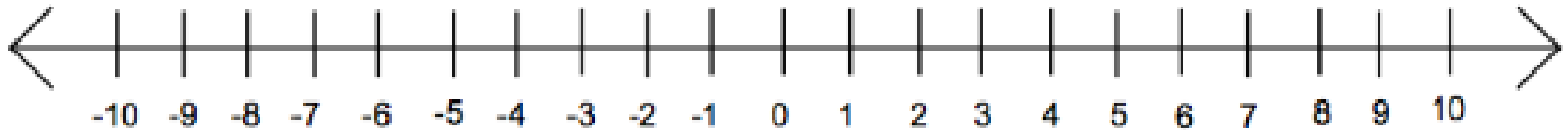
4) $-20.5 - 20.5$

Adding Pos. & Neg. Decimals

5) $0.41 - (-0.07)$

Finding the Distance Between Two Numbers on a Number Line

To find the distance between the numbers, first find the difference of the numbers.



Find the distance between -7 and $-3\frac{2}{3}$.