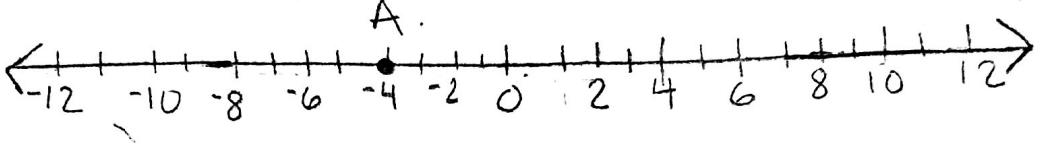
Name_____ **Date**_____

CCSS Review (7.NS.1b, 7.NS.2c, & 7.NS.3)

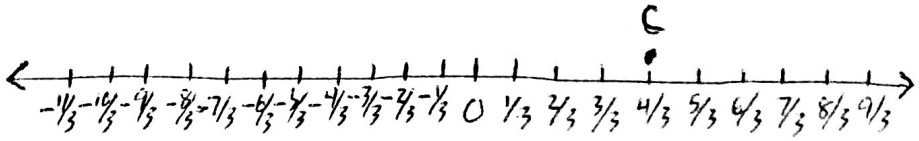
7.NS.1b

1. Point A is shown on the number line below.



The distance between point B and point A is 6 ½ units. Plot point B on number line

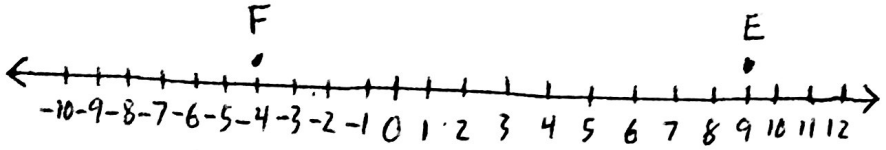
2. What two numbers are located exactly 4/3 units from point C on the number line?



3. A mountain in the ocean rises approximately 14,250 feet above sea level. Its base is approximately 19,750 feet below sea level. What is the total height of the mountain? **(SHOW YOUR WORK)**

4. There is a distance between -6 and 5. What is another number that has the same distance from -6?

5. Which expression simplify to show the distance between E and F?



a. $9-(-4)$

b. $9-(4)$

c. $|-4+9|$

d. $9+(-4)$

6. Write a situation that matches the following equation.

$$-7.75+7.75=0$$

Name_____ Date_____

7.NS.2c

1. Shania has $3\frac{3}{5}$ cups of ~~sugar~~ COCONUT. She wants to make coconut cookies using the recipe shown below. How many complete batches of cookies can she make with the coconut that she has?

1 batch Coconut cookies = 0.5 cups butter + 1.25 cups flour + 0.75 cups coconut + 0.5 cups of water

2. Isaiah and Joy plan to make necklaces. They need ½ foot of string and 5 beads for each necklace. Isaiah has $8 to buy string, and he can buy 120 feet of string for $3.25. Joy has $27 to purchase beads, and she can buy a pack of 35 beads for $2.59. If Isaiah buys as much string as he can, and Joy buys as many beads as she can, how many necklaces can Isaiah and Joy make?

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7.NS.3

1. Evaluate the expression when a = -8, b = 4, and c = -3.

$$-ab + bc - \frac{a}{b}$$

2. The width of a rectangle is $5\frac{3}{5}$ inches. The length of the rectangle is twice its width. What is the perimeter of the rectangle?

3. Brandon speed walked $3\frac{3}{5}$ miles per day on each of 7 days. He also jogged $4\frac{3}{4}$ per day on 4 days. What was the total number of miles Brandon speed walked and jogged?

4. Simplify the expression for the value of $\frac{3}{5}[-5 + 10 - \left(-1\frac{1}{2}\right)]$