

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Learning Target #1: (7.NS.2) I can** multiply and divide rational numbers, including application through real-world concepts.

*Directions: Show all of your work.*

1. Circle the letter of each value that is negative and explain how you know the value will be negative.

2 pts. \_\_\_\_

Select all expressions whose value is negative.

A.  $\frac{-15}{4}$

B.  $\frac{15}{-4}$

C.  $\frac{-15}{-4}$

D.  $(-8) \cdot \frac{3}{4}$

E.  $(-8) \cdot (-\frac{3}{4})$

2. Read the problem below and answer the question. Show your work.

3 pts. \_\_\_\_

Mark buys a wooden board that is  $7\frac{1}{2}$  feet long. The cost of the board is \$0.50 per foot, including tax. What is the total cost, in dollars, of Mark's board?

3. Read the problem below and answer the question. Show your work.

3 pts. \_\_\_\_

For a fundraiser, the seventh grade class sells 45 submarine sandwiches. They collect a total of \$150.75. What is the cost per sub?

**Student Reflection:** Math 7 Unit 1: Number Sense

For this learning target, record your points earned on the CFA, and then decide how well you understand this learning target.

Standard	Learning Target	Points Earned	Percentage	Room to Grow? (Circle yes or no.)
<b>7.NS.2</b>	<b>I can</b> multiply and divide rational numbers, including applying through real-world concepts.	_____ Out of 8		Yes  No

What are your strengths on this learning target? (I did well with...)

What are my areas for growth? (I am still learning...)

What is your learning goal and/or plan? (My goal/plan is to...)

**Answer Key**

1. a, b, d (check explanation)

2. \$3.75

3. \$3.35