Name: _____        Date: _____

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

1.      Fill in the blanks using the variables listed below.  You may use each variable more than once.

6 pts.____

$$-a \cdot \boxed{\phantom{x}} = c$$

$$\boxed{\phantom{x}} \cdot \boxed{\phantom{x}} = -c$$

$$\frac{\boxed{\phantom{x}}}{-b} = a$$

$$\frac{\boxed{\phantom{x}}}{\boxed{\phantom{x}}} = -a$$

a, b, c, -a, -b, -c

2.   Read the problem below and answer the question.  Show your work. Explain your answer.  3 pts.____

During a drought, a river's height decreases by 0.35 inch every day. What is the change in the river's height after 7 days?

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

Leon is at the lake with his friends. It costs $8.50 to rent a paddleboat for a $\frac{1}{2}$-hour ride. Together, Leon and his friends have $25.50. How long can they ride in a paddleboat if they spend all of their money?

**Student Reflection:** Math 7 Unit 1: Chapter 1 & 2 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.) |
|---|---|---|---|---|
| 7.NS.2 | **I can** multiply and divide rational numbers, including applying through real-world concepts. | ——— <br><br> Out of 12 | | Yes <br><br> 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…) |
|---|
| |

1.  -b

    -a, b

    -c

    c/–b

2.  -2.45 inches

3.  $1.5\ hours$