

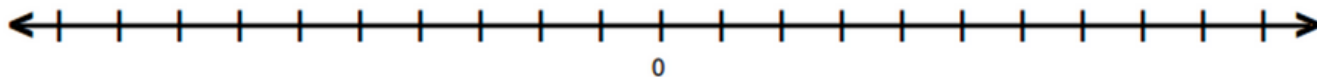
Unit 2.1 – Practice Assessment

7 • 2.1

Name: _____ Period: _____ Date _____

Problem 1.

If a football player gains 40 yards on a play, but on the next play, he loses 10 yards, what would his total yards before the game if he ran for another 60 yards? What did you count by to label the units on your number line?



Problem 2.

Explain step by step, how to arrive at a single rational number to represent the following expression. Show both a written explanation and the related math work for each step.

$$1 - \frac{3}{4} + \left(-12\frac{1}{4}\right)$$

Problem 3.

Show all steps taken to rewrite each of the following as a single rational number.

$$80 + \left(-22\frac{4}{15}\right)$$

$$10 + \left(-3\frac{3}{8}\right)$$

Problem 3.

Model the following expression with positive (+) and negative (-) counters

1. $(3) + (-2) = \underline{\quad}$	2. $(5) - (7) = \underline{\quad}$
3. $(10) + (-2) = \underline{\quad}$	4. $(-8) - (-5) = \underline{\quad}$
5. $(-1) + (4) = \underline{\quad}$	6. $(-4) - (-3) = \underline{\quad}$