

Name Key

Date \_\_\_\_\_

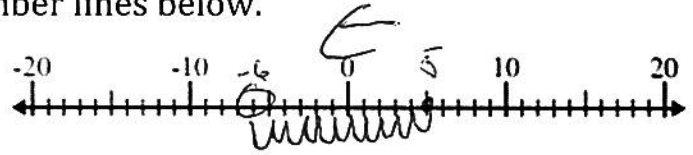
Mr. Tallman

Math 7-8A

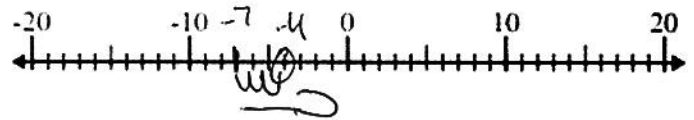
**Homework #2 - Adding Integers Using a Number Line**

**Directions:** Solve each problem using the number lines below.

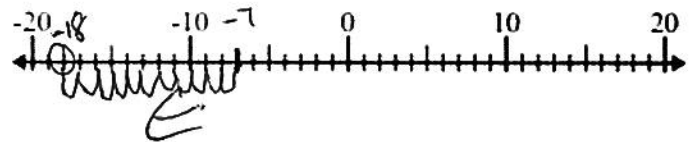
1)  $5 + (-11) = -6$



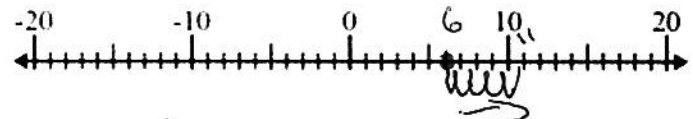
2)  $-7 + 3 = -4$



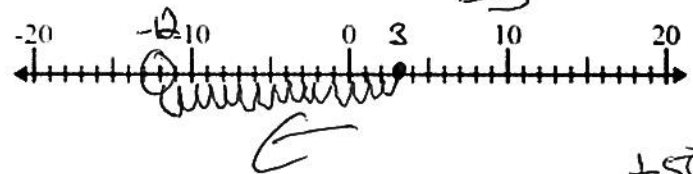
3)  $(-7) + (-11) = -18$



4)  $6 + 5 = 11$



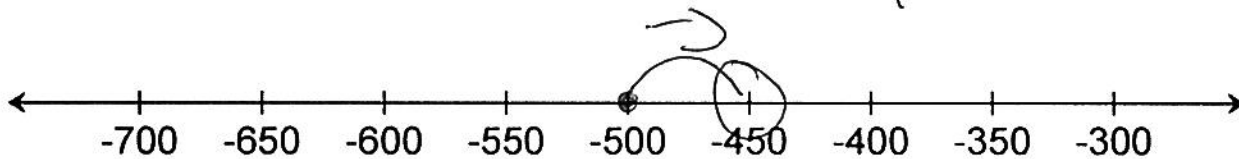
5)  $3 + (-15) = -12$



6) A submarine is at a depth of 500 feet below sea level. The submarine then climbs 50 feet. Write a mathematical expression that models this situation. Then use the number line to evaluate the expression to determine the new depth of the submarine.

$-500 + 50$

-450 feet



7) A plane is at an altitude of 32,000 feet. The plane then descends 2,000 feet. Write an expression using addition and a negative integer that can be used to find the new altitude of the plane.

$32,000 + (-2,000)$

