# Math 6 - Unit 8: Operations w/ Rational Numbers

*Addition of Rational Numbers Homework Day #1*

Name: _____

Class Period: 1   2   3   4   Date: _____

*Add.*

**1.** $5 + (-8)$

**2.** $-3 + 3$

**3.** $-3 + (-8)$

**4.** $-7 + (-7)$

**5.** $-8 + 10$

**6.** $-7 + 13$

**7.** $15 + (-10)$

**8.** $-11 + (-12)$

**9.** $25 + (-12)$

**10.** $-14 + (-13)$

**11.** $14 + (-27)$

**12.** $-28 + 16$

**13.** $5 + 11 + (-5)$

**14.** $7 + (-5) + 5$

**15.** $9 + (-9) + 10$

**16.** $-2 + 19 + 2$

**17.** $-3 + (-25) + 2$

**18.** $10 + 11 + 13 + (-34)$

*Write an addition expression to describe each situation. Then find each sum and explain its meaning.*

**19. FOOTBALL** The Dolphins football team gained 16 yards on their first play then lost 11 yards on the next play. Write an addition expression to represent this situation. Find the sum and explain its meaning.

**20. SAVINGS ACCOUNT** Demetrius deposits $120 into his account. One week later, he withdraws $36. Write an addition expression to represent this situation. How much higher or lower is the amount in his account after these two transactions?