Name _____ Period_____ Date_____

Adding Positive and Negative Rational Numbers

Rule 3: **When adding one positive and negative number, find the difference between their absolute values and use the sign of the integer with the greatest absolute value.**

Examples:
Simplify (+9) + (-2)   **Simplify**
      (+9) + (-2) = 7

Simplify the following.

1. $(+4) + (-7)$ **2.** $(-2) + (+9)$ **3.** $+5 + (-6)$

4. $(-11) + (+3)$ **5.** $(-2) + (-15) + (+4)$ **6.** $(-15) + (+10)$

7. $\dfrac{-3}{8} + \dfrac{7}{8}$ **8.** $-1.5 + 1.4$ **9.** $\dfrac{5}{12} + \dfrac{-1}{12}$

10. $-2.6 + 4.0$ **11.** $(+0.3) + (-0.8) + (-0.5)$ **12.** $\dfrac{3}{5} + \left(\dfrac{-1}{2}\right)$

13. $\dfrac{5}{6} + \dfrac{-5}{9}$ **14.** $\dfrac{1}{2} + \dfrac{1}{3} + \dfrac{-2}{5}$ **15.** $\dfrac{2}{7} + \dfrac{-3}{7} + \dfrac{1}{3}$