Integers

Rule 1:	When adding two positive numbers, find the sum of their absolute values, the answer is positive
Rule 2:	When adding two negative numbers, find the sum of their absolute values, the answer is negative.
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.
Rule 4:	When subtracting numbers with different signs, change the sign of the subtrahend (second number) and add using Rule 1, 2, or 3.
Rule 5:	When multiplying numbers with the same sign, the answer is positive.
Rule 6:	When multiplying numbers with different signs, the answer is negative.
Example:	
-	Simplify $(+5)(-4)(-3)$. R6, R5 (+5)(-4)(-3) = (-20)(-3),

Hint: As with all rules in math, these rules works for binary operations, that is 2 numbers at a time

Simplify the following, before doing each problem write the rule to be used.

- **1.** (+5) + (+9) **2.** (-3) + (-12) **3.** (+4) + (-8)
- **4.** (-10) (+2) **5.** (+14)(+2) **6.** (--11)(-3)
- 7. (+15)(-6) 8. (-6) + (+10) + (-3) 9. 2(-10)(-8)
- **10.** -2 9 11 **11.** -4 + 25 + 1 3 **12.** (-1)(-7)(-9) + 2
- **13.** (+3)(+3)(-6) **14.** 7(-4) 10 **15.** -2 + 3(4) 5(6)