

Adding Positive and Negative Integers

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.

Example:

Simplify $(+9) + (-2)$.
 $|+9| + |-2|$
 $(+9) - (+2) = 7$.

Simplify the following.

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

2. $(-2) + (+9)$

3. $4 - 6$

4. $(-9) + (+2)$

5. $(-3) + (-14) + (+1)$

6. $(-11) + (+3)$

7. $-30 + 5$

8. $+7 - 10$

9. $-2 - 7 + 4$

10. $-21 - 5 + 8 + 9$

11. $(+1) + (-5) + (-8)$

12. $-1 + 5 - 12$

13. $+5 + (-7) + (-3) + 8$

14. $-8 + (+10) + (-5)$