Adding Integers: Multiple Addends

Suggestions for Solving:

* Add all the negatives, add all the positives, and then add those two sums
* Add in the order that the problem is presented, adding just two numbers at a time

Examples:

1. $-2+5+(-9)$ 2. $7+\left(-12\right)+8$

3. $-5+\left(-7\right)+ \left(-8\right)+ (-10)$ 4. $4+\left(-8\right)+15+(-7)$

5. John and Spike went golfing. On the first nine holes John’s scores were 0, -1, +2, -2, 0, 0, +3, +1, and +1. Spike’s scores were 0, -2, -1, +3, +3, +2, -2, -2, 0, +1. Who had the better score in terms of par after 9 holes? (In golf, the lower the score the better!)

6. Mary opened a bank account with $500. During the first month, she deposited $250, withdrew $20, withdrew another $65, and then deposited $100. At the end of the month what was her account balance?



7. While playing Follow the Leader, students were directed to take 5 steps forward, 3 steps back, 4 steps forward, 6 steps back, and then 2 steps forward. Where did the students end up in relation to where they started?