

## **Greatest Sum/Lowest Difference**

**Materials:** a deck of cards (excluding the face cards), either individual dry erase boards, markers and erasers or scratch paper and pencil, pencil for scoring, score sheet and directions from the Channel 19 link on [www.newbraunfels.txed.net](http://www.newbraunfels.txed.net)

**Directions:** This is a game for two players. Place the deck face down between the players. Each player draws four cards. Lay the cards down forming a double-digit addition equation that would make the greatest sum. Solve the problem on the dry erase board or a sheet of scratch paper. Compare answers and check each other's addition.

Now, with the same four cards, form a double-digit subtraction equation that would make the lowest difference. Again, solve the problem on the dry erase board or a sheet of scratch paper. Compare answers and check each other's subtraction.

Give the player with the greatest sum one point on the score sheet and the player with the lowest difference one point on the score sheet. Play again until the score sheet is filled. The winner is the player with the most points.

Talk about winning strategies.

**Optional games:** Try to get the least sum and the greatest difference. An extension for grades 3-5 would be the same games with three-digit numbers or trying to get the greatest product and least quotient (with either remainder or fractional quotient) with one- or two-digit numbers.