

Subtracto Draw

Materials: A set of number cards 0-9 (blackline master on the next page)

Directions:

- Round 1: target number is **5381**
- The teacher draws one number card at a time and each person places that number in one of the boxes on the game board for Round 1.
- The task is to place digits in such a way as to create two numbers whose difference is as close as possible to the target number. Once you place a digit, you cannot move it.
- Discussion after Round 1: What if we had a 9 in the tens place rather than an 8?
- Round 2: target number is **622**
- **Extension** problem: Round 3—pick your own 2 or 3 digit number
- Discussion: What was difficult? What strategies did you use?

Round 1 Target # _____ Difference (distance from target number)

- = _____ _____

Discards

Round 2 Target # _____ Difference (distance from target number)

- = _____ _____

Discards

Round 3 Target # _____ Difference (distance from target number)

- = _____ _____

Discards