

# **GREATEST SUM/ DIFFERENCE WINS**

**Supplies:** One die  
One game board per person  
One pencil per person

**Goal:** To create the largest sum from the five values rolled.

## **Basic game**

Roll the die. Each player must record the same number that's on the die in one of five boxes in Round One on their game board. Players have the option to give up any of the five numbers rolled by putting it in the "Reject" box. Once the number is recorded or written in a box, it can not be moved into a different box. Repeat four more times until all boxes in Round One are full. The object of this game is to try to make the greatest sum possible using the numbers rolled from the die.

## **Extension**

1. Set a target number. Winner is closest without going over.
2. Switch to smallest sum wins.
3. Switch to greatest/smallest difference wins.

**Where's the math?**  
Multiplying numbers  
Place value  
Mental math  
Ordering numbers