

## **Materials:**

- Face Off! Game board
- 22 counters (e.g. teddy bear counters)
- 2 dice

## **Directions:**

- Each player places counters on all number spaces, #2-12.
- Player A tosses the dice, calculates the sum and removes a counter from that number space.
- Player B tosses the die, calculates the sum and removes a counter from that number space.
- Play continues and players remove counters, if possible, on each die toss.
- The first player to remove all of his/her counters, wins the game and makes a tally mark next to the number of the LAST counter he/she removed to win the game.

## **Data Collection:**

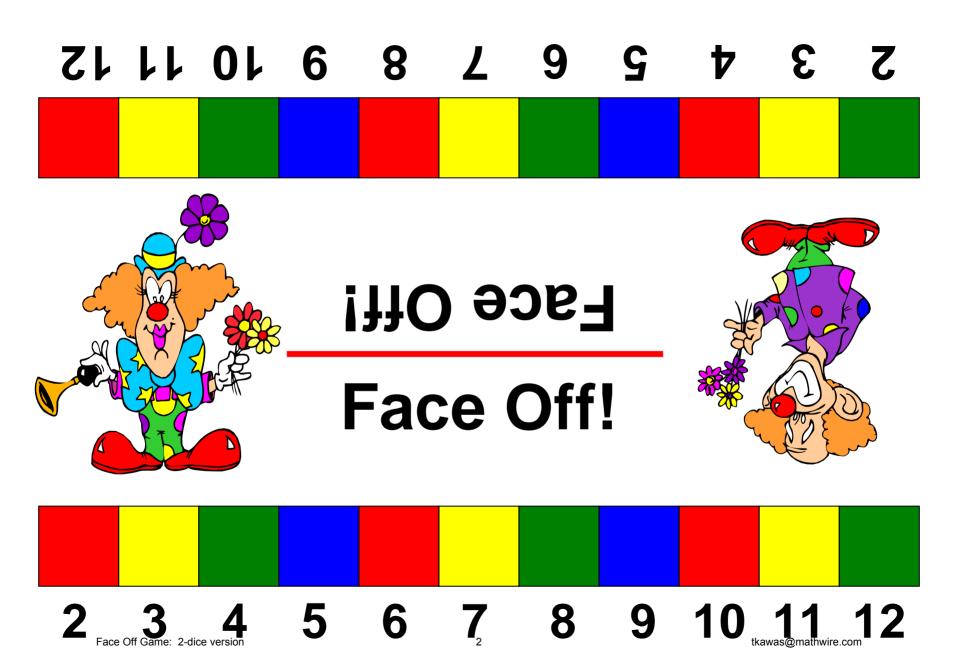
• Lead students in a discussion of the class results focusing on whether or not the game is a fair game, meaning that any counter might be the winning counter, i.e. the last counter to be removed.

• Additionally, the class might collect data on whether Player A or Player B won the game and use a clothespin graph or simple tally chart to organize and analyze this data.

1

Face Off Game: 2-dice version

tkawas@mathwire.com





## Face Off! Class Tally



Last Counter	Tally	TOTAL
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		