

Shake Those Discs

Materials: 2 cups, 9 counters that have 2 different sides (they can be 2-sided discs or even pennies)

Directions:

1. Give each player a cup and 9 counters.
2. Put 9 counters into the cup and Shake Those Discs! Pour the discs out onto the table.
3. How many discs do you have of each color (or how many landed on heads and how many tails)? What expression can you write to represent the different parts?
4. Record your expression on the sheet below. Do this 4 more times.
5. Now repeat steps 2-4 but using 8 counters each.
6. Using 7 counters, repeat steps 2-4.

Player 1	
Shake	Expression
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Player 2	
Shake	Expression
1	
2	
3	
4	
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6	
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9	
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11	
12	
13	
14	
15	