Sum or Difference within 20



Materials:

- Two different colored counters
- Two 10-sided dice

Instructions:

- Players A and B pick colors.
- Player A rolls the two dice.
- Player A chooses to either add the dice together or find the difference between them.
- Player A chooses a square on the game board that represents either the sum or difference of the two dice and covers that square with a colored counter.
- Players A and B alternate turns until one player gets four squares in a row (across, down, or diagonally).

Example Turn:

- Player A rolls a 7 and 8.
- Player A can either add 7 and 8 and play 15, or find the difference between 7 and 8 and play 1. Player A chooses to find the sum of 7 and 8 and play 15.
- Player A chooses one of the 15s on the game board to cover with a colored counter, because 7 + 8 = 15.
- Play passes to Player B.

(OPTIONAL) Example Recording:

A student might record the example turn as 7 + 8 = 15 or 8 + 7 = 15.

Variation:

Players could use a set of ten-frame cards instead of dice.

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Sum or Difference within 20



17	7	12	5	2	6
13	0	4	13	2	9
16	14	1	16	14	11
6	8	9	11	18	13
7	11	15	10	10	15
12	6	8	14	3	5

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