Four in a row

|  |  |  |  |
| --- | --- | --- | --- |
| 3 | 15 | 13 | 6 |
| 11 | 5 | 8 | 18 |
| 16 | 12 | 17 | 14 |
| 7 | 9 | 4 | 10 |

Four in a row BUMP

Materials required:

- a game sheet

- a container of 2-colour counters

- 2 x 10-sided dice (numbered 0-9)

Directions:

- Students choose which colour of counter they will be (e.g., red or white)

- First student rolls the dice and decides which operation they will use to solve the

basic fact (e.g., if they roll a 9 and a 6, they could add the numbers to get a sum

of 15 or subtract them to get a difference of 3).

- If the number is on the board, they place a counter with their colour on that

number on the game board

* The other player then takes their turn
* The first person to cover four in a row (horizontal, vertical, or diagonal) wins.

\*variation- Students can bump opponents off their square!

Observe how students use mental math strategies to determine the sums and

differences and strategically decide which operation to use.