

ADD TAC TOE

Object: Be the first to connect 3 sums in a row with either X's or O's.

1. For the first play, the X player chooses the 6, places the first X on 6, and places the two markers on the 2 and 4 of the number line, then states, " $2 + 4 = 6$ ".

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

0 1 2 3 4 5 6 7 8 9

For the remainder of each game, only one of the two markers may be moved to any number on the number line in that turn.

2. The O player places the first O on 11, and moves the yellow marker to the 7. The O player says, " $4 + 7 = 11$ ".

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

0 1 2 3 4 5 6 7 8 9

3. The X player places the next X on 12, and moves the red marker to 5. The X player states, " $5 + 7 = 12$ ".

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

0 1 2 3 4 5 6 7 8 9

4. The O player places the next O on 15, and moves the red marker to 8. The O player says, " $7 + 8 = 15$ ".

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

0 1 2 3 4 5 6 7 8 9

Sample Game

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5. For the next X play, the X player places an X on 7, and moves the red marker to 0. The X player states, " $7 + 0 = 7$ ".

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

0 1 2 3 4 5 6 7 8 9

6. The O player places the next O on 0, and moves the yellow marker to the 0. The O player says, " $0 + 0 = 0$ ".

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

0 1 2 3 4 5 6 7 8 9

7. The X player places the next X on 2, and moves the yellow marker to 2. I win, Tic Tac Toe, Three in a row".

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

0 1 2 3 4 5 6 7 8 9

The larger playing grid allows this game to offer many ways to win and/or block the other player's attempts to get "3 in a Row"

These games reinforce basic math facts in a fun way and teach strategy, mental math, reasoning, and problem solving.