

# General Bump Game Rules

## Math Focus:

- Multiplication Facts

## Materials:

- 2 players, each with 10 markers (different colors)
- 2 dice
- Bump Game Board based on multiples of a number.

## General Rules:

- Players alternate turns.
- Player rolls both dice.
- Player adds the numbers and multiplies the sum by the game board multiple.
- The player says the multiplication fact and places marker on the product number.
- If a marker is already on the number, then the second marker BUMPS the original marker if it is a different color or the number is FROZEN if the marker is the same color.
- Players who land on a FROZEN number lose their turn.
- Play continues with alternating turns. Player must say the multiplication fact and be correct to place a marker on the spot.
- BUMPS and FROZEN numbers will occur throughout the game until one of the players gets all of their markers on the game board and wins.

## Illustration - Multiples of 3

### Player 1 (green markers)

- Rolls dice (3 and 6)
- Sum is 9
- Says, "3 X 9 = 27"
- Places marker on 27.

BUMP: Multiples of 3

3	6	9	12	15	18
21	24	27	30	33	36

### Player 2 (red markers)

- Rolls dice (5 and 1)
- Sum is 6
- Says, "3 X 6 = 18"
- Places marker on 18.

BUMP: Multiples of 3

3	6	9	12	15	18
21	24	27	30	33	36

### Player 1 (green markers)

- Rolls dice (4 and 2)
- Sum is 6
- Says, "3 X 6 = 18"

Takes a green marker and places it on 18 and **BUMPS** the red marker off the spot with 18.

## Player 1 (continues)

BUMP: Multiples of 3

3	6	9	12	15	18
21	24	27	30	33	36

## Player 2 (red markers)

- Rolls dice (5 and 5)
- Sum is 10
- Says, "3 X 10 = 30"
- Places marker on 30.

BUMP: Multiples of 3

3	6	9	12	15	18
21	24	27	30	33	36

## Player 1 (green markers)

- Rolls dice (6 and 6)
- Sum is 12
- Says, "3 X 12 = 36"
- Places marker on 36.

BUMP: Multiples of 3

3	6	9	12	15	18
21	24	27	30	33	36

## Player 2 (red markers)

- Rolls dice (5 and 5)
- Sum is 10

## Player 2 (continues)

- Says, "3 X 10 = 30"
- Takes a red marker and places it on 30 and this number is FROZEN on the board.

BUMP: Multiples of 3

3	6	9	12	15	18
21	24	27	30	33	36

- The play continues with alternating turns. The player must say the multiplication fact and be correct to place a marker on the spot. BUMPS and FROZEN numbers will occur throughout the game until one of the players gets all of their markers on the game board and wins.

- Challenge Bump Boards require the multiplication facts are known, since the board numbers are in mixed order. In the regular version you could determine the product by counting, beginning with 3. In other words, 3 X 8 would be the number over 8 times or 24.

**\*Challenge\* BUMP: Multiples of 2**

10	24	16	2	20	8
4	12	18	22	6	14

Sentence Frames: “ 2 x \_\_\_\_\_ = \_\_\_\_\_ ”

“Two multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_.”

# \*Challenge\* BUMP: Multiples of 3

30	15	27	36	3	21
9	33	12	6	24	18

Sentence Frames: “ 3 x \_\_\_\_\_ = \_\_\_\_\_ ”

“Three multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_.”

**\*Challenge\* BUMP: Multiples of 4**

44	24	40	8	12	36
32	20	28	48	4	16

Sentence Frames: “ 4 x \_\_\_\_\_ = \_\_\_\_\_ ”

“ Four multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_ . ”

# \*Challenge\* BUMP: Multiples of 5

55	25	10	45	20	30
35	15	60	50	5	40

Sentence Frames: “ 5 x \_\_\_\_\_ = \_\_\_\_\_ ”

“ Five multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_ . ”

# \*Challenge\* BUMP: Multiples of 6

6	42	54	72	36	66
60	48	24	12	30	18

Sentence Frames: “ 6 x \_\_\_\_\_ = \_\_\_\_\_ ”

“ Six multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_ . ”

**\*Challenge\* BUMP: Multiples of 7**

84	21	70	42	56	77
49	35	7	28	14	63

Sentence Frames: “ 7 x        =        ”

“Seven multiplied by        is equal to       .”

# \*Challenge\* BUMP: Multiples of 8

48	56	16	80	72	24
64	96	40	8	32	88

Sentence Frames: “ 8 x \_\_\_\_\_ = \_\_\_\_\_ ”

“ Eight multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_ . ”



**\*Challenge\* BUMP: Multiples of 9**

54	108	72	9	99	36
63	27	90	45	81	18

Sentence Frames: “ 9 x \_\_\_\_\_ = \_\_\_\_\_ ”

“ Nine multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_ . ”

# \*Challenge\* BUMP: Multiples of 11

99	110	33	22	132	66
121	44	11	77	55	88

Sentence Frames: “ 11 x \_\_\_\_\_ = \_\_\_\_\_ ”

“ Eleven multiplied by \_\_\_\_\_ is equal to \_\_\_\_\_ .”

# \*Challenge\* BUMP: Multiples of 12

120	36	72	144	60	84
48	108	24	12	96	132

Sentence Frames: “ 12 x      =      ”

“Twelve multiplied by      is equal to     .”

**\*Challenge\* BUMP: Multiples of 15**

105	180	90	150	60	15
30	165	135	75	45	120

Sentence Frames: " 15 x      =      "

" Fifteen multiplied by      is equal to      . "