

# Maths Game

## 4 In a Row

A game for 2 players

### You will need:

- A game board
- Counters
- Calculator

### Instructions

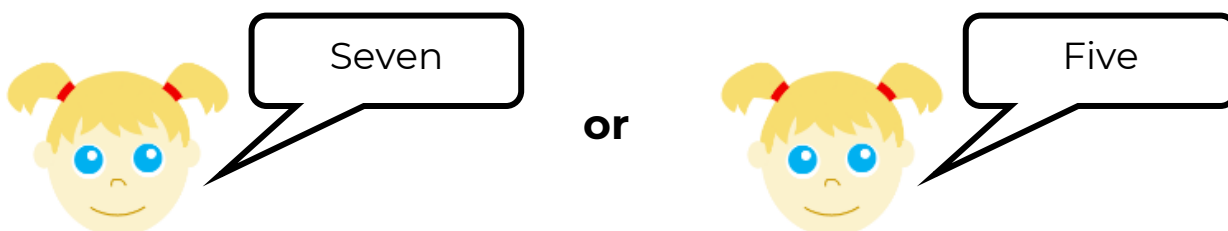
Player 1 places a counter on a number on the game board, e.g.

8	14	16	3	7	19	2	5
5	9	17	4	8	6	9	18
3	6	1	13	16	7	10	15
12	15	18	9	11	4	19	2
6	8	13	10	1	9	5	7
14	1	11	5	16	10	3	8

They must now say either:

- the number that is one more than the number that their counter is on  
**or**
- the number that is one less than the number that their counter is on

e.g. Player 1's counter is on '6' so they must say either:



They check their answer by using either practical equipment or a calculator.

If they are correct they keep their counter on '6' on the game board.

If they are incorrect they remove their counter.

Player 2 then takes a turn.

Play continues in turns. The winner is the player to place four counters in a row horizontally, vertically or diagonally.

If the game board is filled without anyone getting four in a row, the winner is the player with the most counters on the board.

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## Information for Parents/Carers

The variations of this game are designed to support both place value and calculation skills. Encourage your child to calculate mentally if possible, although they are required to check their answers before they can leave the counter in play. For younger children, counting out equipment such as sweets, dried beans or building blocks, then adding one more or removing one is a very useful way of checking.

As a guide to which version of the game to play with your child:

**EYFS:** Using game board 1; saying 1 more or 1 less than the chosen number  
Check using practical equipment or a calculator

**Year 1:** Using game board 2; saying 10 more or 10 less than the chosen number  
Check using a calculator

**Year 2:** Using game board 2; saying 9 more or 9 less than the chosen number  
Check using a calculator

**Year 3:** Using game board 3; saying their chosen number divided by 10  
Check using a calculator

**Year 4:** Using game board 4; saying their chosen number divided by 100  
Check using a calculator

**Years 5 and 6:** Using game board 5; saying their chosen number divided by 1000  
Check using a calculator

To see this game in action, you can watch it on the LPDS YouTube channel here:  
<https://www.youtube.com/watch?v=p481U0Axrj8>

# Maths Game

## Game board 1

8	14	16	3	7	19	2	5
5	9	17	4	8	6	9	18
3	6	1	13	16	7	10	15
12	15	18	9	11	4	19	2
6	8	13	10	1	9	5	7
14	1	11	5	16	10	3	8

# Maths Game

## Game board 2

28	54	16	43	37	19	32	15
35	49	67	84	78	16	29	48
53	26	11	43	36	27	80	34
12	35	58	49	10	64	59	22
86	28	63	70	31	23	45	87
14	61	52	65	18	30	13	68

# Maths Game

## Game board 3

5	8	4	2	7	8
2	9	1	9	5	3
9	6	7	4	3	6
7	8	6	5	1	8
3	4	3	9	2	5
6	7	1	8	3	2
4	9	6	5	8	1
8	5	3	2	6	4

# Maths Game

## Game board 4

8	14	36	3	7	59	2	5
5	9	67	4	28	6	9	98
3	6	1	53	16	7	40	35
72	25	8	49	11	4	89	2
6	8	33	20	1	56	5	7
54	1	41	5	76	42	3	68

# Maths Game

## Game board 5

2815	5432	8	327	5370	98	320	4156
35	493	6571	84	7	7162	239	48
536	9261	1211	43	836	2007	903	4
1728	395	5	459	10	6245	599	362
86	2	673	70	1	3388	405	3874
1004	641	502	650	1080	443	123	6978