

## Line of Four Game - C

Mathematical purpose of game: To practise multiplication and check your answers by using division [on a calculator]

This is a game for two players, using calculators. You will need one calculator each, and two sets of coloured counters [about 10 of each colour].

- 1) Choose who will take the first turn.
- 2) The person who goes first should choose two of the numbers below:

4	8	6	7	12	14	15	20	24
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- 3) Using one of the methods of multiplication that you have practised [grid method, short multiplication or long multiplication] multiply these numbers together.
- 4) The second person must check your answer on the calculator by dividing the product [=answer] by one of the factors. The calculator should show the other factor - if your calculation was correct!
- 5) Now find the product on the board below and place one of your counters on top of this number.
- 6) The second person should now take their turn (choosing two numbers and multiplying them, you will need to check their answer with the calculator).
- 7) Take it in turns, repeating this process.
- 8) The first player to cover four squares with his / her counters in a continuous row in any direction is the winner.

360	96	140	98	42	96
60	168	32	48	240	24
120	90	480	72	300	80
84	56	210	112	160	144
192	48	56	84	280	105
168	180	120	288	28	336

Contributed by Margaret Jones

Based on an idea by Mark Warner

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