

The Factor Game



Play with a partner.

You will need one game board and 2 coloured markers.

The object of the game is to circle the factors of a number.

Decide who will be Player A and Player B.

- Player A circles a number on the game board and scores that number. Player B uses a different colour to circle all the factors of that number not already circled. She scores the sum of the numbers she circles.

For example, suppose Player A circles 18.
Player B circles 1, 2, 3, 6, and 9 (18 is already circled)
to score $1 + 2 + 3 + 6 + 9 = 21$ points



- Player B circles a new number. Player A circles all the factors of that number not already circled. Record the scores.

- Continue playing.
If a player chooses a number with no factors left to circle, the number is crossed out. The player loses her or his turn, and scores no points.

For example, if player A circled 16, but 1, 2, 4, and 8 have already been circled, he would lose his turn and score no points.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64

- The game continues until all numbers have been circled or crossed out. The player with the higher score wins.

