



Count and Compare

You need

- set of Array Cards

Play with a partner or in a small group.

- 1 Deal the Array Cards so that all players have the same number of cards. Set aside any cards that are left over.
- 2 Players place their cards in a stack in front of them with the dimensions side up.
- 3 Each player places the top card from his or her stack, dimension side up, in the middle of the table.
- 4 Players decide whose card has the largest array by skip counting, using a known multiplication combination, placing the arrays on top of each other, or some other strategy. Counting the squares by 1s is not allowed.
- 5 The player with the largest array takes all the cards from the round and places them on the bottom of his or her stack. If all arrays in the round have the same product, players make a rule to determine who gets the cards. When a rule is decided, it cannot be changed until the game is over.

3	×	4
4	×	3

2	×	6
6	×	2

1	×	12
12	×	1

Possible rule: Each player places a second card on top of his or her first one. The player with the largest array of all second cards takes all of the first cards and all of the second cards.

- 6 The game is over when one player runs out of cards. The player with the most cards (or all of the cards) is the winner.