

## Division Arrays

- Materials**
- number cards 6–18 (1 of each)
  - 1 six-sided die
  - 18 counters

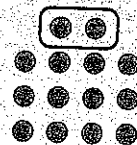
**Players** 2 to 4

### Directions

1. Shuffle the cards. Place the deck number-side down on the playing surface.
2. Take turns. When it is your turn, draw a card and take the number of counters shown on the card. You will use the counters to make an array.
3. Now roll the die. The number on the die is the number of equal rows you must have in your array.
4. Make an array with the counters.
5. Your score is the number of counters in one row. If there are no leftover counters, your score is double the number of counters in one row.
6. Keep track of your scores. The player with the highest total at the end of 5 rounds wins.

**EXAMPLE** Dave draws a 14-card and takes 14 counters. He rolls a 3 and makes an array with 3 rows by putting 4 counters in each row. Two counters are left over.

Dave scores 4 because there are four counters in each row.



**EXAMPLE** Marsha draws a 15-card and takes 15 counters. She rolls a 3 and makes an array of 15 counters with 3 rows by putting 5 counters in each row.

Her score is  $5 * 2 = 10$  because there are five counters in each row and none is left over.

