

Name That Number

Materials number cards 0–20 (4 of each card 0–10, and 1 of each card 11–20)

Players 2 to 4 (the game is more interesting when played by 3 or 4 players)

Skill Naming numbers with expressions

Object of the game To collect the most cards.

Directions

1. Shuffle the deck and place 5 cards number-side up on the table. Leave the rest of the deck number-side down. Then turn over the top card of the deck and lay it down next to the deck. The number on this card is the number to be named. Call this number the **target number**.

2. Players take turns. When it is your turn:

Try to name the target number. You can name the target number by adding, subtracting, multiplying, or dividing the numbers on 2 or more of the 5 cards that are number-side up. A card may be used only once for each turn.

If you can name the target number, take the cards you used to name it. Also take the target-number card. Then replace all the cards you took by drawing from the top of the deck.

If you cannot name the target number, your turn is over. Turn over the top card of the deck and lay it down on the target-number pile. The number on this card becomes the new target number to be named.

3. Play continues until all of the cards in the deck have been turned over. The player who has taken the most cards wins.

EXAMPLE

Target number: 16

A player's cards:

7	5	8	2	10
7	5	8	2	10

Some possible solutions:

$$10 + 8 - 2 = 16 \text{ (3 cards used)}$$

$$7 * 2 + 10 - 8 = 16 \text{ (4 cards used)}$$

$$\frac{8}{2} + 10 + 7 - 5 = 16 \text{ (all 5 cards used)}$$