



Game Directions

Mystery Number (Version 3)

Objective

Players try to identify a mystery number on an open number line using a series of guesses. After each guess the players make, the holder of the mystery number gives a clue using the words *less* or *more* and *less than* or *greater than*. They then use two sticky notes with an arrow drawn facing left on one and facing right on the other to narrow the range of possible numbers. The game is over when the correct number is guessed.

Materials

open number line labeled 0 and 100 , created on a blank piece of paper

2 sticky notes with an arrow drawn facing left on one and facing right on the other

Greater Than, Less Than, and Equal To Reference Chart ([Reproducible 2](#))

Players

2 or more

Directions

1. Determine which player or team gets to choose the mystery number—this is Player 1.
2. Player 1 chooses a number on the number line. This is the mystery number; do not share it. Write the mystery number on a piece of paper and turn the paper over so the other players can't see it.
3. The other player(s) take turns guessing the number.
4. After each turn, Player 1 records the guess on the number line and gives clues with the words *less* or *more* and *less than* or *greater than*.
5. Player 1 places sticky notes with arrows facing left and right above each guessed number to show that the mystery number is less than or greater than that number.
6. When the mystery number is guessed, Player 1 congratulates the guessers.
7. Players switch roles and play again.