



101 and Out Dice Game

Objective

To practice addition and place value while using strategy and estimation.

What You'll Need

One Die

101 and Out Scoresheet (see on next page)

Paper and pencil to figure out totals

Directions

1. Each player rolls the die once. The player with the highest roll goes first.
2. Player 1 rolls the die six times.
 - After each roll, the player decides whether to count that number as ones or tens (for example, a roll of 3 can count as 3 or 30).
 - The player keeps a running total after each roll and records their choice on the 101 Scoring worksheet or their own total sheet.
 - Once a number has been recorded, it cannot be changed.
3. Player 2 repeats the same steps, rolling the die six times and keeping their own total.
4. Continue play until all players have had a turn.
5. The player whose total is closest to 101 without going over wins the game!

Game Variations

Easier

- Play to 50 instead of 101.

Challenge

- Use two dice and decide whether to count each roll as one, tens, or combine them (for example, rolling 2 and 4 can make 24 or 42).
- Increase the number of rolls to 7 or 8 to introduce more decision making.

101 and Out Scoresheet

GAME 1

Player 1 _____

| Dice Roll | Tens | Ones |
|-----------------------------|------|------|
| Roll 1 | | |
| Roll 2 | | |
| Total Roll 1 & 2 | | |
| Roll 3 | | |
| Total with Roll 3 | | |
| Roll 4 | | |
| Total with Roll 4 | | |
| Roll 5 | | |
| Total with Roll 5 | | |
| Roll 6 | | |
| Total with Roll 6 | | |

Player 2 _____

| Dice Roll | Tens | Ones |
|-----------------------------|------|------|
| Roll 1 | | |
| Roll 2 | | |
| Total Roll 1 & 2 | | |
| Roll 3 | | |
| Total with Roll 3 | | |
| Roll 4 | | |
| Total with Roll 4 | | |
| Roll 5 | | |
| Total with Roll 5 | | |
| Roll 6 | | |
| Total with Roll 6 | | |

Game 2

| Dice Roll | Tens | Ones |
|-----------------------------|------|------|
| Roll 1 | | |
| Roll 2 | | |
| Total Roll 1 & 2 | | |
| Roll 3 | | |
| Total with Roll 3 | | |
| Roll 4 | | |
| Total with Roll 4 | | |
| Roll 5 | | |
| Total with Roll 5 | | |
| Roll 6 | | |
| Total with Roll 6 | | |

| Dice Roll | Tens | Ones |
|-----------------------------|------|------|
| Roll 1 | | |
| Roll 2 | | |
| Total Roll 1 & 2 | | |
| Roll 3 | | |
| Total with Roll 3 | | |
| Roll 4 | | |
| Total with Roll 4 | | |
| Roll 5 | | |
| Total with Roll 5 | | |
| Roll 6 | | |
| Total with Roll 6 | | |