



## **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 \_\_\_\_\_

Player 2 \_\_\_\_\_

Dice Roll	Tens	Ones
Roll 1		
Roll 2		
<b>Total Roll 1 &amp; 2</b>		
Roll 3		
<b>Total with Roll 3</b>		
Roll 4		
<b>Total with Roll 4</b>		
Roll 5		
<b>Total with Roll 5</b>		
Roll 6		
<b>Total with Roll 6</b>		

Dice Roll	Tens	Ones
Roll 1		
Roll 2		
<b>Total Roll 1 &amp; 2</b>		
Roll 3		
<b>Total with Roll 3</b>		
Roll 4		
<b>Total with Roll 4</b>		
Roll 5		
<b>Total with Roll 5</b>		
Roll 6		
<b>Total with Roll 6</b>		

**Game 2**

Dice Roll	Tens	Ones
Roll 1		
Roll 2		
<b>Total Roll 1 &amp; 2</b>		
Roll 3		
<b>Total with Roll 3</b>		
Roll 4		
<b>Total with Roll 4</b>		
Roll 5		
<b>Total with Roll 5</b>		
Roll 6		
<b>Total with Roll 6</b>		

Dice Roll	Tens	Ones
Roll 1		
Roll 2		
<b>Total Roll 1 &amp; 2</b>		
Roll 3		
<b>Total with Roll 3</b>		
Roll 4		
<b>Total with Roll 4</b>		
Roll 5		
<b>Total with Roll 5</b>		
Roll 6		
<b>Total with Roll 6</b>		