



## **Place Value Challenge**

### **Objective**

To explore how changing the order of digits changes the value of a number and to practice comparing numbers in a fun way.

### **What You'll Need**

Deck of playing Cards (Face cards and 10's removed)

1 die

### **Directions**

1. Shuffle the deck of cards and place face down.
2. Each player turns over two cards and chooses which two-digit number to make (for example, 34 or 43). Once a player decides that number is locked and cannot be changed.
3. One player rolls the die.
  - If the die roll is 1, 2 or 3, the lower number wins that round.
  - If the die roll is 4, 5 or 6, the higher number wins that round.
4. The player who wins the most rounds is the grand winner.

### **Challenge Versions**

#### **1. 3-Digit Challenge**

Players turn over three cards and make a 3-digit number.

#### **2. 4-Digit Challenge**

Players turn over four cards and make a 4-digit number.