

# Face-Off

Face-Off is a classic math game known more traditionally as “war”. It can be played to compare numbers, add or multiply.

## Materials needed:

- 1) Deck of cards (1-9 with Ace=1 and pulling out the 10s and face cards)

## Instructions:

To be played with two players.

- 1) Divide the deck in half and turn each stack of cards down in front of each player.
- 2) One player says, Face-Off and each player turns over a card. Whichever player has the card with the greatest number wins that round and takes both cards and places them face down at the bottom of their stack of cards.
- 3) Players take turns calling Face-Off and game continues.
- 4) If both players turn over the same number, this is then a special Face-Off. Each player takes three of their cards and keeping them face down, place them under the first card they played. Then each player takes one card and turn it over. Whichever player has the greatest number, wins all the cards. (If these cards are tied as well, the players put down three more cards, then turn one more over until one player wins.)
- 5) The games continues until a designated time and whichever player has the most cards wins or the game continues until one player is out of cards and the player with all the cards wins.

## Other Variations of Face-Off:

### Two, Three or Four-Digit Face-Off

Instead of just turning one card over, the players decide if they will make two, three or four digit numbers. When they turn their cards over, players make the greatest number possible they can before putting them down to play.

### **Addition Face-Off**

Players decide if they are going to add two, three or four cards and then players turn over that many cards and add them together before playing. An alternative is to turn over three cards, make two of them into the greatest two-digit number they can and then add the third number to that.

### **Multiplication Face-Off**

Players turn over two cards each and multiply them together. Whichever player has the highest product wins the cards.

### **BC Mathematics Curricular Content and Competencies:**

- number represents quantity (numbers to 10, 20, 100, 1000)
- the place a digit/numeral is in determines its value or quantity
- relative magnitude and range of numbers
- reading and writing numbers
- comparing and ordering numbers
- addition, multiplication
- use reasoning to explore and make connections
- develop, demonstrate and apply mathematical understanding through play
- communicate mathematical thinking
- use mathematical vocabulary and language
- explain and justify mathematical ideas and decisions

### **Different ways to play:**

Face-Off can be played with more than two players.

Instead of playing to the highest number, sum, or product, the players can decide that the player with the lowest number, sum or product wins.