



CEMC at Home

Grade 7/8 - Monday, March 23, 2020

Multiplication War

You Will Need:

- One full deck of cards
- Two players



Before you Start:

In this game, each card is assigned a value as follows:

- Aces are worth 1, Jacks are worth 11, Queens are worth 12, and Kings are worth 13
- All other cards are assigned the value of the number on the card
- Black cards are all positive numbers
- Red cards are all negative numbers

How to Play:

1. Deal out all cards evenly between two players. Each player puts their cards face down in a pile in front of them.
2. Each player flips over their top two cards at the same time and multiplies them together.
Remember that a negative times a negative equals a positive, and that -3 is greater than -8 .
3. The player whose cards have the highest product wins all four cards.
4. If the cards have the same product, then the players each flip over two more cards and calculate their product. This process is repeated until one player has a higher product than the other. This player then wins all face-up cards.
5. The player who ends up with all the cards (or the most cards after a set amount of time) wins.

Variations:

- For a warm-up, try playing without any negative numbers.
- For a challenge, come up with a harder version of this game. You could use fractions, decimals, exponents, etc. We encourage you to share your ideas online using any forum you are comfortable with.

More Info:

Need a reminder on how to multiply positive and negative numbers? Check out [this lesson](#) on the CEMC Courseware.