Prime Time: A Prime Numbers Math Game

What is a prime number? Check out this great way to learn. Find a deck of cards and deal them out. We hope your hand has a lot of prime numbers in it! If it does, you have a good chance of winning. If not, we wish you luck when you reach your hand over to the draw pile. Before you know it, you'll have the first several prime numbers memorized and some great skills to take with you back to math class.

Terms to Know:

- *Prime Number*: a number with no factors excepting itself and 1 (The first several prime numbers are 2, 3, 5, 7, 11, 13, 17, 19, and 23. The number 1 is not a prime number and is instead classified as a *unit*.)
- *Factor*: a number that divides evenly into another number

What You Need:

- Deck of playing cards

What You Do:

1. Shuffle the deck and deal five cards to each player.
2. In this game, Aces = 1, Jacks = 11, Queens = 12, and Kings = 13.
3. Players take turns discarding cards, face up and one at a time, into a discard pile. Players may only discard prime numbers or a group of cards whose sum is a prime number. If a player is unable to discard a prime number, they must draw from the deck until they find or create one.
4. Play continues until the pack is depleted. The winning player is the player with the fewest cards left in their hand.

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