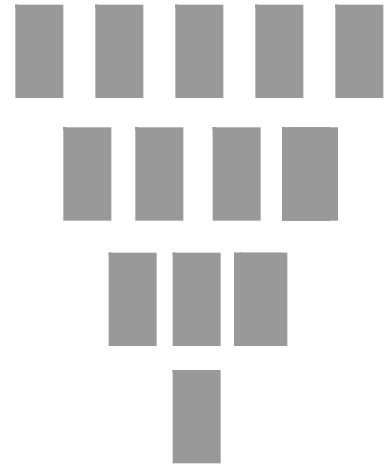# MathFLIX CHALLENGE
Great Card Games

The following card games use the same layout and ascribe the same value to the cards. Number cards are face value. Jacks, Queens & Kings are variables and the dealer decides their value. *(Hint: it's fun to make the variables have double digit values - like 20, 40, 60, etc.)*

Sample card layout

Prime # Game (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97...)

Object: To be the player with the most points at the end of 4 rounds.

Rules:
1. Deal 13 cards face up.
2. The Player whose birthday is a prime # goes first. If more than one player has a prime # birthday, the player with the greatest prime # plays first.
3. Players take turns picking up 2 or 3 cards the sum of which equals a prime #.
3. The play is over when no cards are left on the board or no player can make a prime #.
4. The player with the most cards wins 1 point. In case of a tie, the players each earn 1 point.
5. At the end of 4 rounds, the player with the most points wins the game.

Square # Game (1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196…)

Object: To be the player with the most points at the end of 4 rounds.

Rules: Use the same basic rules of play described above with one exception. Have the player whose birthday is a square # go first. If more than one player has a square # birthday, the player with the greatest square # plays first.

3 - 4 - 5 Multiples Game (Multiples of 3: 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36.....
(Multiples of 4: 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48.....
(Multiples of 5:10,15, 20, 25, 30, 35, 40, 45, 50, 55, 60.....

Object: To be the player with the most points at the end of 4 rounds.

Rules: Use the same basic rules as those described above but instead of finding prime #s or square #s, players pick up cards that are factors whose product is a multiple of the chosen number. An alternate way to play the game is to allow players to chose cards and then identify what multiple the cards represent.

Be Creative *Can you create a card game to have fun and practice math at the same time?*