Players: 100

Start: at the beginning of the game each player will draw 5 cards from the pile.

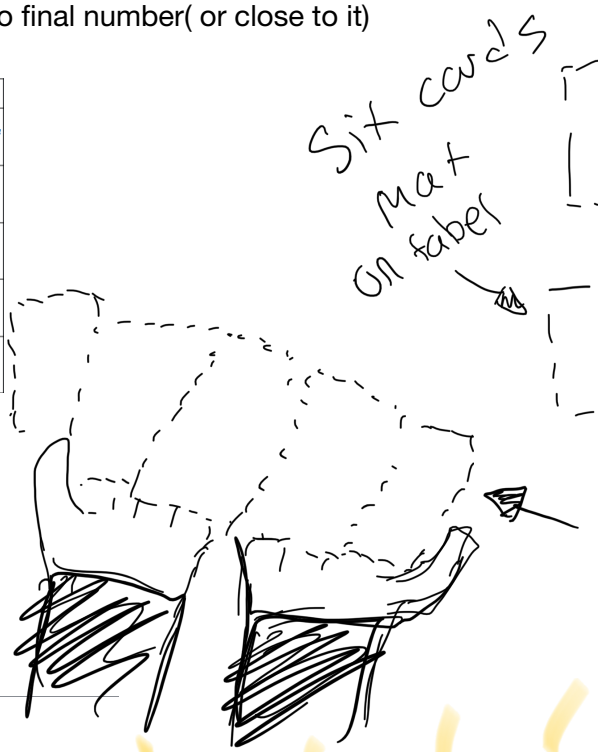
The goal of the game is to get as close to the final number as possible without going over by drawing cards and equations and placing cards that help them get to the final number in front of them.

Hint: cards can only be combined through multiplication, addition, subtraction and division cards.

Turns: each turn players will draw one card at the beginning of their turn, once they have 8 cards in their hand they cannot draw anymore and must discard one card per turn. Player can place up to six cards in front of them at one time. The cards in front of each player are the ones that allow them to get to final number(or close to it)

	Example	Expanded	Simplified	Exponent Rule
Multiplication	$a^3 \times a^5$	$a \cdot a \cdot a \times a \cdot a \cdot a \cdot a \cdot a$	a^8	$a^m \cdot a^n = a^{m+n}$
Division	$\frac{a^6}{a^2}$	$\frac{\cancel{a} \cdot \cancel{a} \cdot a \cdot a \cdot a \cdot a}{\cancel{a} \cdot \cancel{a}}$	a^4	$\frac{a^m}{a^n} = a^{m-n}$
Power Law	$(a^2)^4$	$a \cdot a \times a \cdot a \times a \cdot a \times a \cdot a$	a^8	$(a^m)^n = a^{m \times n}$
Power of a Product	$(a^2 b)^3$	$a^2 b \cdot a^2 b \cdot a^2 b$	$a^6 b^3$	$(a^x b^y)^m = a^{xm} b^{ym}$
Power of a Quotient	$\left(\frac{a}{b^3}\right)^5$	$\frac{a}{b^3} \cdot \frac{a}{b^3} \cdot \frac{a}{b^3} \cdot \frac{a}{b^3} \cdot \frac{a}{b^3}$	$\frac{a^5}{b^{15}}$	$\left(\frac{a^x}{b^y}\right)^m = \frac{a^{xm}}{b^{ym}}$

Exponent Laws



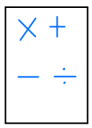
If you pick up a bad card you can give it to your opponent forcing them to use it in there final equation.

In this game players must be able to make exponents or combined exponents to be able to make a bigger number that will help them get closer to **three thousand four hundred eighty six million seven hundred eighty four thousand four hundred and one. 3,486,784,401**

One of the twist in this game is that you cant use a calculator until the very end. So you have to be able to do mental math to try and find out where you are at in the game.

game

types of cards

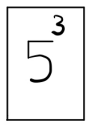


these cards can multiply, subtract, divide, or add different numbers you control.

opponent drops all but one card.

drop all your cards.

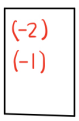
These cards are basic numbers



These are exponent cards

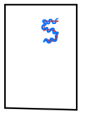
if opponent does something, you can reverse it.

Players use these cards to make and combine exponents



These are negitive cards

You can remove one card from Field (one of the six infront of you)



These cards add exponents to whatever number you want.