

## Math GAME

### Compare Six

Number of players: 2 to 4

#### YOU WILL NEED

- Rational Number Cards

#### How to play

1. Choose two rational number cards.
2. Decide whether and in what order to add, subtract, multiply, or divide the numbers to get the greatest value possible.
3. The player with the greatest value wins a point. In the event of a tie, no points are scored.
4. The first player to reach 6 points wins.

#### Sample Turn

##### Thomas's Draw

I've drawn  $\frac{1}{4}$  and  $-\frac{2}{3}$ .

If I add, multiply, or divide, the answer is negative. I'll subtract  $-\frac{2}{3}$  from  $\frac{1}{4}$ .

$$\begin{aligned}\frac{1}{4} - \left(-\frac{2}{3}\right) &= \frac{3}{12} + \frac{8}{12} \\ &= \frac{11}{12}\end{aligned}$$

##### Larissa's Draw

I've drawn  $\frac{3}{5}$  and  $-\frac{2}{5}$ . If I multiply or divide, the answer is negative. If I add, it's only  $\frac{1}{5}$ , but if I subtract, I get 1; I win the point!