

## 2-4-5-10 Frac-Tac-Toe (Percents)



If you use a standard deck of playing cards:

- ◆ Use queens as zeros (0).
- ◆ Use aces as ones (1).
- ◆ Discard jacks and kings.

Numerator  
Pile

All remaining  
cards

If you use an Everything Math Deck,  
discard cards greater than 10.

Use different color counters or coins as  
markers. If you use coins, one player is  
HEADS and the other player is TAILS.

Denominator  
Pile

Two each  
of the 2, 4, 5,  
and 10 cards

> 100%	0% or 100%	> 200%	0% or 100%	> 100%
10%	20%	25%	30%	40%
> 100%	50%	> 200%	50%	> 100%
60%	70%	75%	80%	90%
> 100%	0% or 100%	> 200%	0% or 100%	> 100%

**Frac-Tac-Toe Number-Card Board****NUMERATOR PILE**PLACE CARDS  
NUMBER-SIDE DOWN.WHEN ALL CARDS ARE USED,  
SHUFFLE AND REPLACE.**NUMERATOR PILE**PLAY EACH CARD  
NUMBER-SIDE UP.**DENOMINATOR PILE**PLACE CARDS  
NUMBER-SIDE DOWN.WHEN ALL CARDS ARE USED,  
JUST REPLACE.  
DO NOT SHUFFLE!**DENOMINATOR PILE**PLAY EACH CARD  
NUMBER-SIDE UP.