Fractions In-Between

Object of the Game

Throughout the game, place as many cards as you can. Each card left in your hand at the end of the game is a point against you. The lowest score wins.

Materials

Printable Fraction Cards 🖨️
Fraction Reference Sheet 🖨️ or Virtual Fraction Strips

Math Concepts

- Relative size of fractions
- Putting fractions in order
- Equivalent fractions
- Justifying your thinking

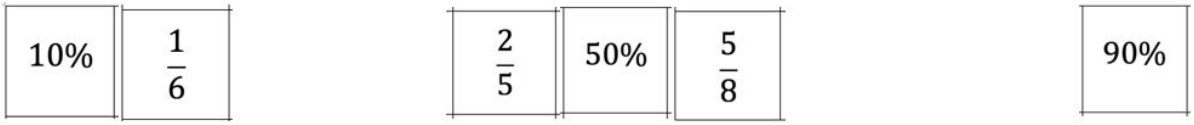
Play with a Partner

1) Place the 10%, 50%, and 90% on the table as shown below.
   10% = 1/10 50% = 5/10 or 1/2 90% = 9/10

2) Mix the fraction cards and deal six to each player.

3) Players take turns placing a card so that it touches another card. You may place a card to the right of 10%, on either side of 50%, to the left of 90%, or on top of any percent if your card is equal to it. As you play, state the fraction and justify why it fits where you are placing it.

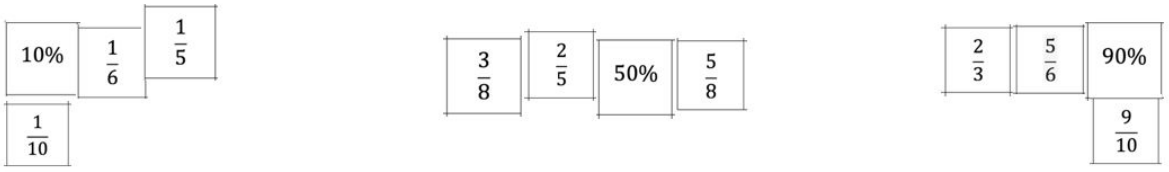
4) Cards must be placed in increasing order from left to right.



In this example game, the placement of ⅙ next to 10% has squeezed out the ⅛ card. If you were holding the ⅛ card, you would be stuck with it as you would NOT be able to place it.

5) Your goal is to place as many cards as you can, one card per turn. The round is over when neither player can place anymore cards. The number of cards left in your hand is your score.

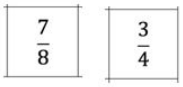
6) At the end of a round, the table might look like this.



Player 1
Cards that can't be played

1 point
Winner!

Player 2
Cards that can't be played



2 points

Player 1 could not play ⅛ because it goes between 10% and ⅙.
Player 2 could not play ⅞ and ¾ because they are both greater than ⅝ but less than 90%.

7) At the end of five rounds, the player with the lowest total score wins.

Printable Fraction Cards 🖨️

10%	50%	90%	$\frac{1}{2}$
$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$	$\frac{3}{4}$
$\frac{1}{5}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{5}$
$\frac{1}{6}$	$\frac{5}{6}$	$\frac{1}{8}$	$\frac{3}{8}$
$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{10}$	$\frac{3}{10}$

Original Source: Pearson Investigations - Modified by Math Transformations

$\frac{7}{10}$	$\frac{9}{10}$		