

Fraction Capture

Object of the Game

Capture more fraction cards than your opponent.

$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$
$\frac{2}{2}$	$\frac{2}{4}$	$\frac{2}{8}$	$\frac{2}{16}$
$\frac{6}{8}$	$\frac{3}{4}$	$\frac{3}{8}$	$\frac{8}{16}$
$\frac{7}{8}$	$\frac{4}{4}$	$\frac{4}{8}$	$\frac{15}{16}$
$\frac{0}{2}$	$\frac{8}{8}$	$\frac{5}{8}$	$\frac{0}{16}$



Materials

- 1 Set of Fraction Cards (choose Set A, B, or C) - cut out
- 1 Set of Fraction Strips (to help you prove your thinking)
- Or Online Fraction Models

<https://apps.mathlearningcenter.org/fractions/>

Math Concepts

Compare Fractions, Represent Fractions, Equivalent Fractions, Justify Your Thinking

How to Play

- 1) Deal an equal number of cards to each player.
- 2) Stack your cards face-down in a pile.
- 3) Each player turns over the top card in his/her pile.
 - Compare the fractions.
 - Who has the greater fraction? How do you know?
 - Use your fraction strips or fraction reasoning to explain your thinking.

The person with the greatest fraction wins both cards.
- 4) If your fractions are equivalent, turn over the next card and compare. Whoever has the greatest fraction wins all the cards that have been turned over for that round.
- 5) Play until one player wins all the cards or until you want to stop.
- 6) The player who wins the most cards wins the game.

Math Talk

_____ is greater than _____ because _____.

Variations

Smallest Fraction, Fraction Closest to $\frac{1}{2}$, Double Compare (turn over 2 cards)

Fraction Cards Set A

$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$
$\frac{2}{2}$	$\frac{2}{4}$	$\frac{2}{8}$	$\frac{2}{16}$
$\frac{6}{8}$	$\frac{3}{4}$	$\frac{3}{8}$	$\frac{8}{16}$
$\frac{7}{8}$	$\frac{4}{4}$	$\frac{4}{8}$	$\frac{15}{16}$
$\frac{0}{2}$	$\frac{8}{8}$	$\frac{5}{8}$	$\frac{0}{16}$

Fraction Cards Set B

$\frac{0}{2}$	$\frac{0}{3}$	$\frac{0}{6}$	$\frac{0}{12}$
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{6}$	$\frac{1}{12}$
$\frac{2}{2}$	$\frac{2}{3}$	$\frac{2}{6}$	$\frac{2}{12}$
$\frac{12}{12}$	$\frac{3}{3}$	$\frac{3}{6}$	$\frac{6}{12}$
$\frac{6}{6}$	$\frac{5}{6}$	$\frac{4}{6}$	$\frac{11}{12}$

Fraction Cards Set C

$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{6}$
$\frac{1}{8}$	$\frac{2}{3}$	$\frac{2}{4}$	$\frac{2}{6}$
$\frac{2}{8}$	$\frac{3}{3}$	$\frac{3}{4}$	$\frac{3}{6}$
$\frac{3}{8}$	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{6}$
$\frac{4}{8}$	$\frac{7}{8}$	$\frac{6}{6}$	$\frac{5}{6}$

