

Fraction Match

Fraction Match is an equivalent fractions game which involves matching two different equivalent fractions.

It is a great game for consolidating understanding and for knowing when two simple fractions are equivalent.

Grade: 4th Grade and up

Number of players: 2-3

Learning: equivalent fractions

You will need

- 2 dice
- A set of 15 counters for each player. Each player will need their own individual color.

Instructions

- Player 1 rolls the 2 dice and uses the two numbers to make a proper fraction (where the numerator is less the denominator) or a fraction whose value is one (where the numerator and the denominator are the same).
- Player 1 then chooses an equivalent fraction on the board to the fraction they have rolled and covers the square with a counter. If no equivalent fraction is available, then no counter can be placed.
- Player 2 then rolls the dice, makes a proper fraction and covers up an equivalent fraction on the board.
- Play is repeated until one of the players gets 4 counters in a row (horizontal, vertical or diagonal). The first player to do this is the winner.

Variations

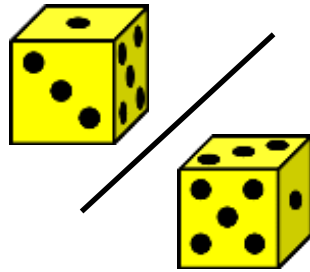
- *Alternative winning rule:* the first player to place all their 15 counters is the winner.
- If playing the game with 3 players, then only 3 counters in a row is needed to win the game.

Example of Play

- Player 1 rolls a 3 and a 4, making the fraction $\frac{3}{4}$. They cover up the equivalent fraction $\frac{9}{12}$ on the board
- Player 2 rolls a 3 and a 3. They cover up the equivalent fraction $\frac{10}{10}$ on the board.
- Player 1 rolls a 1 and a 6. They cover up the equivalent fraction $\frac{3}{18}$ on the board.
- Player 2 rolls a 4 and a 6. They cover up the equivalent fraction $\frac{2}{3}$ on the board.

FRACTION Match

Roll 2 dice to get your numerator and denominator, then match the fractions!



$\frac{2}{4}$	$\frac{6}{8}$	$\frac{4}{10}$	$\frac{6}{9}$	$\frac{3}{4}$	$\frac{5}{5}$
$\frac{8}{10}$	$\frac{4}{6}$	$\frac{5}{10}$	$\frac{8}{8}$	$\frac{1}{3}$	$\frac{3}{12}$
$\frac{5}{15}$	$\frac{1}{2}$	$\frac{10}{12}$	$\frac{3}{18}$	$\frac{9}{15}$	$\frac{4}{12}$
$\frac{4}{16}$	$\frac{3}{9}$	$\frac{2}{12}$	$\frac{6}{10}$	$\frac{15}{18}$	$\frac{10}{30}$
$\frac{1}{4}$	$\frac{8}{16}$	$\frac{6}{15}$	$\frac{4}{8}$	$\frac{2}{6}$	$\frac{8}{12}$
$\frac{9}{12}$	$\frac{10}{15}$	$\frac{2}{10}$	$\frac{3}{6}$	$\frac{4}{16}$	$\frac{8}{10}$
$\frac{2}{3}$	$\frac{8}{12}$	$\frac{12}{15}$	$\frac{5}{20}$	$\frac{10}{10}$	$\frac{3}{15}$