



Decimal–Fraction Matchup

What You Need

- Decimal–Fraction Matchup Decimal Cards

How to Play

- Play in pairs.
- Shuffle the fraction cards and arrange them face down in a 3-by-4 array. Then shuffle the decimal cards and arrange them face down in a 3-by-4 array.
- Take turns turning over two cards, one from each pile:
 - If the fraction card and decimal card match, keep the matching cards and take another turn.
 - If the cards don't match, turn them over.
- Play until all the cards have been matched.
- The player with more matched cards wins.

Other Ways to Play

- Play with the cards face up.
- Play on your own.
- Create your own cards for matching fraction and decimal names.

Example

Maya turns over these two cards:

0.42			
			$\frac{42}{100}$

The cards match. Maya keeps the cards and takes another turn:

	0.5		
		$\frac{5}{20}$	

This time the cards don't match, so she turns them back over.

Then Ryan takes a turn.



Decimal-Fraction Matchup

Decimal Cards



0.1	0.5	0.17
0.25	0.42	0.32
0.6	0.02	1.0
0.4	0.2	0.75



Decimal-Fraction Matchup

Fraction Cards



$$\frac{10}{100}$$

$$\frac{25}{50}$$

$$\frac{5}{20}$$

$$\frac{42}{100}$$

$$\frac{17}{100}$$

$$\frac{5}{25}$$

$$\frac{1}{50}$$

$$\frac{6}{10}$$

$$\frac{10}{10}$$

$$\frac{2}{5}$$

$$\frac{3}{4}$$

$$\frac{32}{100}$$