

# Advanced Reciprocals Match Game

17	$\frac{1}{17}$	$\frac{19}{55}$	$\frac{86}{74}$	$7\frac{7}{10}$	$\frac{10}{77}$
$\frac{55}{19}$	$5\frac{5}{9}$	$\frac{9}{50}$	43	$\frac{1}{43}$	$\frac{17}{61}$
94	$\frac{1}{94}$	$\frac{47}{86}$	$\frac{61}{17}$	$6\frac{5}{6}$	$\frac{6}{41}$

This game is played like the memory match card game that many children are familiar with. It is designed to reinforce their understanding of whole numbers, fractions, mixed numbers, and their reciprocals.

## Materials:

Reciprocal Matching Game cards (pages 2-5)



# ~ PREVIEW ~

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Lay all of the cards upside-down on the table and mix them up.

Players will flip pairs of cards. They will try to match the fraction, whole number, or mixed number card to the card with the card's reciprocal on it.

example: The "17" card matches the " $\frac{1}{17}$ " card.

Player 1 flips two cards. If the cards match, he or she gets to keep both cards. If the cards do not match, then the cards are flipped back upside-down.

Then, player 2 gets a turn to try to flip matching cards. Players alternate until all cards have been removed from the game.

When the game is over, the player with the most cards is the winner.

17

$$\frac{1}{17}$$

$$\frac{19}{55}$$



~ **PREVIEW** ~

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94

$$\frac{1}{94}$$

$$\frac{47}{86}$$

$$\frac{86}{47}$$

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

$$\frac{10}{77}$$



~ **PREVIEW** ~

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$$\frac{61}{17}$$

$$6\frac{5}{6}$$

$$\frac{6}{41}$$

68

$$\frac{1}{68}$$

$$\frac{53}{72}$$



~ **PREVIEW** ~

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80

$$\frac{1}{80}$$

$$\frac{53}{68}$$

$$\frac{68}{53}$$

$$3\frac{15}{22}$$

$$\frac{22}{81}$$



~ **PREVIEW** ~

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$$\frac{33}{18}$$

$$8\frac{4}{9}$$

$$\frac{9}{76}$$