



## Fractions with denominators of 100 and 1000

### Purpose:

You can help your child to simplify fractions with a denominator of 100 or 1000.

### What you need:

- Game board and cards. You can print these or make your own.
- Cardboard. (Old cereal boxes are good).

### What to do:

Glue the cards on to cardboard. Cut the cards, shuffle them and place in a pile between the players. Give each player a game board.

Players take turns to take a card from the pile. If the card is equivalent to a fraction on their game board, they can cross off the fraction and return the card to the bottom of the pile. If not, then the card is just returned to the bottom of the pile. The winner is the first player to cross off all the numbers on their game board.

### What to expect your child to do:

Over time expect your child to become quicker at recognising the simpler form of the fractions with a denominator of 100 and 1000.

### Variation:

- Play Snap or Memory with the game cards, 25/100 and 250/1000 would be a pair.
- Use the game cards as flash cards and ask your child to name a simpler fraction.

### He Kupu Māori:

riwhiriwhi (~a)	shuffle
hautau	fraction
putunga kāri	pile of cards
porotiti	counter
haurua	half
hautekau	tenth
haurau	hundredth
haumano	thousandth

### He Whakawhitinga Kōrero:

- Riwhiriwhia ngā kāri. Whakaputua, ko ngā mata ki raro. (*Shuffle the cards. Pile them face down.*)
- Māku e tīmata. Māku e tango tētahi kāri i te putunga kāri. (*Let me start. I'll take a card from the pile.*)
- He ōrite tēnā hautau ki tēnei i taku papa tākaro. (*That fraction is equivalent to this one on my game board.*)
- He ōrite te rua tekau mā rima haurau ki te kotahi hauwhā. (*25 hundredths (25/100) is equivalent to 1 quarter (1/4).*)
- Uhia te hautau ki te porotiti. (*Cover the fraction with a counter.*)
- Whakahokia te kāri ki raro o te putunga kāri. (*Put the card back to the bottom of the pile.*)
- Kua uhia ngā hautau katoa i tō papa tākaro. Ko koe te toa. (*All the fractions on your game board are covered. You're the winner.*)

**Fractions with denominators of 100 and 1000**

Game boards

$1/4$	$1/5$	$2/5$	$1/2$	$9/10$
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$3/4$	$1/4$	$3/5$	$4/5$	$7/10$
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$1/2$	$3/4$	$1/5$	$3/5$	$3/10$
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$3/4$	$1/2$	$4/5$	$2/5$	$1/10$
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**Fractions with denominators of 100 and 1000**

Game cards

$25/100$	$250/1000$	$75/100$
$750/1000$	$50/100$	$500/1000$
$20/100$	$200/1000$	$40/100$
$400/1000$	$60/100$	$600/1000$
$80/100$	$800/1000$	$10/100$
$100/1000$	$30/100$	$300/1000$
$70/100$	$700/1000$	