

## **Fractions with denominators of 100 and 1000**

### **Purpose:**

The purpose of this activity is to simplify fractions with a denominator of 100 or 1000.

### **Strategy stage:**

Stage 7

### **What you need:**

Game board and cards

Counters or beans

### **What to do:**

1. Shuffle the cards and place in a pile between the players.
2. Give each player a game board.
3. Players take turns to take a card from the pile.
4. If the card is equivalent to a fraction on their game board, they can cover the fraction with a counter or bean and return the card to the bottom of the pile.
5. 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 student to do:**

- Over time expect your student to become quicker at recognizing 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 student to name a simpler fraction.

**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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Game cards

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