

# Place Value Concentration

**Materials:** Place Value Concentration cards

**Number of Players:** 2

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1. Shuffle the cards and place them facedown on the playing surface in four rows of six.
2. Take turns to turn over two cards. If the two cards are a matching pair, the player must justify how they know the cards have an equal value before picking them up. Partners should check each other for accuracy. If the two cards do not match, the player turns the cards back over. The next player then takes a turn.
3. Play continues until all cards have been picked up. The player with the most pairs of cards wins the game.

**Extension:** Work with your partner to make a set of 24 Place Value Concentration Cards (12 pairs). Swap cards with another partnership and try out each other's game.

$\frac{1}{10}$  of 300

30

A number  
that is 10  
times greater  
than 30

3000

A number  
that is 100  
times greater  
than 3

3000

$\frac{1}{10}$  the value of 0.3

0.03

$\frac{1}{10}$  of 3

0.3

A number  
that is 10  
times greater  
than 300

3,000

$\frac{1}{10}$  of 3,000

300

A number  
that is 10  
times greater  
than 0.03

0.3

A number  
that is 1,000  
times greater  
than 3

3,000

$\frac{1}{10}$  the value of 30

3

$\frac{1}{100}$  of 3

0.03

A number  
that is 10  
times greater  
than 0.3

3