

In Between

You need

★ a set of 0–9 digit cards

★ a pile of counters (about 20 for 2 players)

★ a classmate

Game

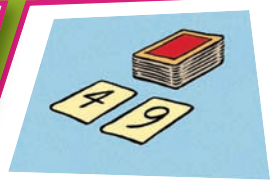
Play a game of In Between with a classmate. For each round:



Shuffle the digit cards.



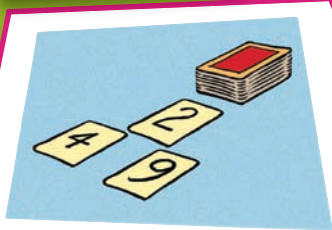
Place them face down in a pile.



Pick up the top 2 cards.



Now pick up a third card.



If the number on that card is not between the other 2 numbers, you get nothing.



If it is, take a counter.



Put your 3 cards back on the pack and shuffle it. Now it's your classmate's turn.



When there are no more counters to take, the person who has the most counters wins.

Activity

Trevor, Katie, Barbara, and Marama are playing the In Between game.

1. Who has the most chance of getting an in-between number when they pick up the top card?
2. How do you know?



Trevor



Katie



Barbara



Marama

Focus

Exploring outcomes and probabilities