

Fun with Game Theory

Game Theory · Practice Test · 10 Questions

1. In a game, what is the word for the person who is making the choices?

- A) The spectator
- B) The player
- C) The referee
- D) The coach

2. When two people share a cake, what is the 'fair' way to ensure both are happy with the size of their pieces?

- A) One cuts, the other chooses
- B) One eats it all
- C) The biggest person gets more
- D) The youngest gets none

3. What is the goal of a player in a game?

- A) To make the game last forever
- B) To play the game as fast as possible
- C) To follow the rules and try to reach their goal
- D) To ignore the other players

4. If a game is 'zero-sum', what does that mean happens to the total points?

- A) The points disappear
- B) The points double
- C) The total stays the same for everyone
- D) One person wins what the other loses

5. What do we call the list of rules that tells players how to play a game?

- A) The strategy
- B) The instructions
- C) The prizes
- D) The scoreboard

6. What is a 'strategy' in a game?

- A) A type of snack
- B) A plan to reach your goal
- C) The color of the game pieces
- D) The name of the game

7. If a game has 'perfect information', what does that mean?

- A) Everyone knows all the moves made so far
- B) Only the winner knows the rules
- C) The game is impossible to finish
- D) No one can see the game board

8. In a cooperative game, what do the players do?

- A) They fight over the pieces
- B) They work together to win
- C) They try to make each other lose
- D) They only play by themselves

9. What is a 'turn' in a game?

- A) The sound the game makes
- B) A time when one player acts
- C) The end of the game
- D) The cost to buy the game

10. Which of these is a common way to decide who goes first in a game?

- A) Guessing a secret number
- B) Flipping a coin
- C) Throwing the game board
- D) Waiting for a week