Fun with Game Theory

Game Theory · Answer Key · 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

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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

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