

Feedback — Exercise 1.1

You submitted this quiz on **Sun 13 Oct 2013 11:09 AM PDT (UTC -0700)**. You got a score of **10.00** out of **10.00**.

Consider the games in the following questions. (Click on the links to see the Wikipedia descriptions of these games.)

For each game, say whether it is:

- a single or multiple player game ?
- a complete or incomplete information game ?
- an alternating or simultaneous move game (only graded for multi-player games) ?
- a game with or without communication (only graded for multi-player games) ?

The classifications are not perfect in all cases; choose the closest match.

Clarifications:

- Complete information refers to the game theoretic concept of "perfect information". Any form of randomness, hidden state or information asymmetry makes a game be an imperfect information one. However, the uncertainty regarding what moves other players will play is not incomplete information.
- Simultaneous moves games are those that enforce that all players should commit to a move without knowing the actions of other players at each turn. By opposition, alternating moves games are those where only one player has more than one legal action each turn. A few games that are not turn-based cannot be clearly classified in either category, use your best judgement.
- Games with communication: these are the games that allow exchange of information between players through a side-channel (i.e. not through game actions), and where that exchange can have impact on the gameplay. Communication through game actions is different: it's a part of one's strategy.

Question 1

(1 point) [Bughouse Chess](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple players	✓ 0.25	

<input checked="" type="checkbox"/> Complete Information	✓	0.25	
<input type="checkbox"/> Simultaneous move	✓	0.25	
<input checked="" type="checkbox"/> Communication	✓	0.25	Communication between team members is allowed.
Total		1.00 / 1.00	

Question 2

(1 point) [Chess](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple players	✓ 0.25	
<input checked="" type="checkbox"/> Complete information	✓ 0.25	
<input type="checkbox"/> Simultaneous move	✓ 0.25	
<input type="checkbox"/> Communication	✓ 0.25	Although it may be allowed, communication has no impact on gameplay in this game (two-player, constant-sum).
Total	1.00 / 1.00	

Question 3

(1 point) [Diplomacy](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple	✓ 0.25	

players

☒ Complete information 0.25

☒ Simultaneous move 0.25

☒ Communication 0.25 Secret communications between players are allowed and at the core of the game.

Total 1.00 / 1.00

Question 4

(1 point) [Go Fish](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple players	0.25	
<input type="checkbox"/> Complete information	0.25	
<input type="checkbox"/> Simultaneous move	0.25	
<input checked="" type="checkbox"/> Communication	0.25	
Total	1.00 / 1.00	

Question 5

(1 point) [Minesweeper](#)

Your Answer	Score	Explanation
<input type="checkbox"/> Multiple players	0.25	
<input type="checkbox"/> Complete information	0.25	

<input type="checkbox"/> Simultaneous move	✓	0.25	Either answer accepted since this is a single player game.
<input type="checkbox"/> Communication	✓	0.25	Either answer accepted since this is a single player game.
Total		1.00 / 1.00	

Question 6

(1 point) [Rock Paper Scissors](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple Players	✓ 0.25	
<input checked="" type="checkbox"/> Complete Information	✓ 0.25	
<input checked="" type="checkbox"/> Simultaneous move	✓ 0.25	
<input type="checkbox"/> Communication	✓ 0.25	Although it may be allowed, communication has no impact on gameplay in this game (two-player, constant-sum).
Total	1.00 / 1.00	

Question 7

(1 point) [Rubik's Cube](#)

Your Answer	Score	Explanation
<input type="checkbox"/> Multiple players	✓ 0.25	

<input checked="" type="checkbox"/> Complete information	✓	0.25	
<input type="checkbox"/> Simultaneous move	✓	0.25	Either answer accepted since this is a single player game.
<input type="checkbox"/> Communication	✓	0.25	Either answer accepted since this is a single player game.
Total		1.00 / 1.00	

Question 8

(1 point) [Speed](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple Players	✓ 0.25	
<input checked="" type="checkbox"/> Simultaneous Move	✓ 0.25	Simultaneous play without precise move structure.
<input type="checkbox"/> Complete Information	✓ 0.25	
<input type="checkbox"/> Communication	✓ 0.25	Although it may be allowed, communication has no impact on gameplay in this game (two-player, constant-sum).
Total	1.00 / 1.00	

Question 9

(1 point) [Stratego](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple players	✓ 0.25	
<input type="checkbox"/> Complete information	✓ 0.25	
<input type="checkbox"/> Simultaneous move	✓ 0.25	
<input type="checkbox"/> Communication	✓ 0.25	Although it may be allowed, communication has no impact on gameplay in this game (two-player, constant-sum).
Total	1.00 / 1.00	

Question 10

(1 point) [World of Warcraft](#)

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> Multiple players	✓ 0.25	
<input type="checkbox"/> Complete information	✓ 0.25	
<input checked="" type="checkbox"/> Simultaneous move	✓ 0.25	
<input checked="" type="checkbox"/> Communication	✓ 0.25	
Total	1.00 / 1.00	