LOGIC PUZZLES · GRADES 4–5

Logic Grid: After-School Clubs

Read the clues. Put an X when the answer is no and an O when it is yes. Each person has just one, and no two people share.

Name: _____ **Date:** _____



Puzzle 1: Who is in which club?

	art	chess	coding	drama
Gus				
Hana				
Ivy				
Jon				

Clues

1. Hana is not in the chess club or the coding club.
2. Gus and Ivy are not in the drama club.
3. Jon is in the coding club or the chess club.
4. Ivy is not in the chess club or the art club.
5. Gus is not in the coding club.

Answers

Gus: _____ **Hana:** _____

Ivy: _____ **Jon:** _____

Puzzle 2: Who ate which lunch?

	pizza	soup	tacos	salad
Kim				
Leo				
Max				
Nia				

Clues

1. Kim and Leo did not eat soup.
2. Nia ate tacos.
3. Leo did not eat pizza.

Answers

Kim: _____ **Leo:** _____

Max: _____ **Nia:** _____

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ANSWER KEY · LOGIC PUZZLES · FOR GROWN-UPS

Answer Key: Logic Grid: After-School Clubs

Read the clues. Put an X when the answer is no and an O when it is yes. Each person has just one, and no two people share.



Puzzle 1: Who is in which club?

	art	chess	coding	drama
Gus	O	X	X	X
Hana	X	X	X	O
Ivy	X	X	O	X
Jon	X	O	X	X

Clues

1. Hana is not in the chess club or the coding club.
2. Gus and Ivy are not in the drama club.
3. Jon is in the coding club or the chess club.
4. Ivy is not in the chess club or the art club.
5. Gus is not in the coding club.

Answers

Gus: art **Hana:** drama

Ivy: coding **Jon:** chess

Puzzle 2: Who ate which lunch?

	pizza	soup	tacos	salad
Kim	O	X	X	X
Leo	X	X	X	O
Max	X	O	X	X
Nia	X	X	O	X

Clues

1. Kim and Leo did not eat soup.
2. Nia ate tacos.
3. Leo did not eat pizza.

Answers

Kim: pizza **Leo:** salad

Max: soup **Nia:** tacos

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