

Logic Puzzle: Pets and Colors

Name: _____

Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Nora, Ivy and Owen each have a different pet and a different favorite color. Use the clues to find out who has which pet and which color each kid likes best.

1. The kid with the rabbit also likes blue best.
2. Ivy does not like yellow best.
3. The kid with the dog also likes purple best.
4. Owen does not have the cat.
5. Ivy does not like blue best.

	Pet			Color		
	dog	cat	rabbit	purple	blue	yellow
Nora						
Ivy						
Owen						
purple						
blue						
yellow						

Logic Puzzle: Pets and Colors

Answer Key

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Nora, Ivy and Owen each have a different pet and a different favorite color. Use the clues to find out who has which pet and which color each kid likes best.

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- 2. Ivy does not like yellow best.
- 3. The kid with the dog also likes purple best.
- 4. Owen does not have the cat.
- 5. Ivy does not like blue best.

Pet			Color			
	dog	cat	rabbit	purple	blue	yellow
Nora						
Ivy						
Owen						
purple				Solution: Nora: cat, yellow Ivy: dog, purple Owen: rabbit, blue		
blue						
yellow						

Logic Puzzle: The School Band

Name: _____

Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Liam, Lily and Noah are in the school band. Each plays a different instrument and has a different pet. Can you match them up?

1. Lily does not have the cat.
2. Lily does not play the drums.
3. The kid who plays the violin also has the cat.
4. The kid who plays the drums does not have the parrot.
5. Liam does not play the drums.

Instrument			Pet			
	flute	violin	drums	turtle	cat	parrot
Liam						
Lily						
Noah						
turtle						
cat						
parrot						

Logic Puzzle: The School Band

Answer Key

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Liam, Lily and Noah are in the school band. Each plays a different instrument and has a different pet. Can you match them up?

1. Lily does not have the cat.
2. Lily does not play the drums.
3. The kid who plays the violin also has the cat.
4. The kid who plays the drums does not have the parrot.
5. Liam does not play the drums.

Instrument			Pet			
	flute	violin	drums	turtle	cat	parrot
Liam						
Lily						
Noah						
turtle				Solution: Liam: violin, cat Lily: flute, parrot Noah: drums, turtle		
cat						
parrot						

Logic Puzzle: Four Friends and Their Pets

Name: _____

Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Leo, Mia, Ivy and Sam each have a different pet and a different favorite color. Use the clues to find out who has which pet and which color each kid likes best.

1. The kid with the cat also likes green best.
2. Leo does not like green best.
3. Mia does not like blue best.
4. Mia does not have the cat.
5. The kid with the rabbit also likes red best.
6. Ivy does not have the fish.
7. Ivy does not like green best.
8. Leo does not like red best.
9. Leo does not like blue best.

	Pet				Color			
	fish	turtle	cat	rabbit	red	green	orange	blue
Leo								
Mia								
Ivy								
Sam								
red								
green								
orange								
blue								

Logic Puzzle: Four Friends and Their Pets

Answer Key

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Leo, Mia, Ivy and Sam each have a different pet and a different favorite color. Use the clues to find out who has which pet and which color each kid likes best.

1. The kid with the cat also likes green best.
2. Leo does not like green best.
3. Mia does not like blue best.
4. Mia does not have the cat.
5. The kid with the rabbit also likes red best.
6. Ivy does not have the fish.
7. Ivy does not like green best.
8. Leo does not like red best.
9. Leo does not like blue best.

	Pet				Color			
	fish	turtle	cat	rabbit	red	green	orange	blue
Leo								
Mia								
Ivy								
Sam								
red								
green								
orange								
blue								

Solution:

Leo: fish, orange

Mia: rabbit, red

Ivy: turtle, blue

Sam: cat, green

Logic Puzzle: Ice Cream After Practice

Name: _____

Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

After practice, Max, Leo, Noah and Jack went for ice cream. Each kid does a different sport and picked a different flavor. Who did what?

1. Jack did not pick chocolate ice cream.
2. Max did not pick chocolate ice cream.
3. Jack did not pick mango ice cream.
4. The kid who plays basketball did not pick mango ice cream.
5. The kid who plays hockey did not pick mango ice cream.
6. The kid who plays volleyball also picked chocolate ice cream.
7. Leo did not pick chocolate ice cream.
8. Leo did not pick vanilla ice cream.
9. The kid who plays hockey did not pick vanilla ice cream.
10. Leo did not pick mango ice cream.

	Sport				Ice cream			
	hockey	volleyball	baseball	basketball	strawberry	mango	vanilla	chocolate
Max								
Leo								
Noah								
Jack								
strawberry								
mango								
vanilla								
chocolate								

Logic Puzzle: Ice Cream After Practice

Answer Key

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1. Jack did not pick chocolate ice cream.
2. Max did not pick chocolate ice cream.
3. Jack did not pick mango ice cream.
4. The kid who plays basketball did not pick mango ice cream.
5. The kid who plays hockey did not pick mango ice cream.
6. The kid who plays volleyball also picked chocolate ice cream.
7. Leo did not pick chocolate ice cream.
8. Leo did not pick vanilla ice cream.
9. The kid who plays hockey did not pick vanilla ice cream.
10. Leo did not pick mango ice cream.

		Sport				Ice cream			
		hockey	volleyball	baseball	basketball	strawberry	mango	vanilla	chocolate
Max				●			●		
Leo		●				●			
Noah			●						●
Jack					●			●	
strawberry		●							
mango				●					
vanilla					●				
chocolate			●						

Solution:
Max: baseball, mango
Leo: hockey, strawberry
Noah: volleyball, chocolate
Jack: basketball, vanilla

Logic Puzzle: Band Practice

Name: _____

Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Ella, Nora, Ava and Finn are in the school band. Each plays a different instrument and has a different pet. Can you match them up?

1. The kid who plays the flute does not have the fish.
2. The kid who plays the piano also has the turtle.
3. Finn does not play the piano.
4. Nora does not have the parrot.
5. Ella does not play the drums.
6. Nora does not have the turtle.
7. Ella does not play the flute.
8. Ella does not have the turtle.
9. The kid who plays the drums also has the parrot.

	Instrument				Pet			
	drums	violin	flute	piano	turtle	fish	parrot	hamster
Ella								
Nora								
Ava								
Finn								
turtle								
fish								
parrot								
hamster								

Logic Puzzle: Band Practice

Answer Key

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Ella, Nora, Ava and Finn are in the school band. Each plays a different instrument and has a different pet. Can you match them up?

1. The kid who plays the flute does not have the fish.
2. The kid who plays the piano also has the turtle.
3. Finn does not play the piano.
4. Nora does not have the parrot.
5. Ella does not play the drums.
6. Nora does not have the turtle.
7. Ella does not play the flute.
8. Ella does not have the turtle.
9. The kid who plays the drums also has the parrot.

Instrument				Pet				
	drums	violin	flute	piano	turtle	fish	parrot	hamster
Ella		●				●		
Nora			●					●
Ava				●	●			
Finn	●						●	
turtle				●	Solution: Ella: violin, fish Nora: flute, hamster Ava: piano, turtle Finn: drums, parrot			
fish		●						
parrot	●							
hamster			●					

Solution:

Ella: violin, fish

Nora: flute, hamster

Ava: piano, turtle

Finn: drums, parrot

Logic Puzzle: Pets, Lunches and Colors

Name: _____

Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Mia, Liam and Ella each have a different pet, packed a different lunch and like a different color. Who has what?

1. The kid with the dog also packed cherries for lunch.
2. The kid with the cat also likes green best.
3. Ella does not like red best.
4. The kid with the dog also likes red best.
5. Ella does not like green best.
6. Ella did not pack an orange for lunch.
7. Mia did not pack an orange for lunch.

	Pet			Lunch			Color		
	cat	hamster	dog	banana	cherries	orange	green	red	blue
Mia									
Liam									
Ella									
green									
red									
blue									
banana									
cherries									
orange									

Logic Puzzle: Pets, Lunches and Colors

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2. The kid with the cat also likes green best.
3. Ella does not like red best.
4. The kid with the dog also likes red best.
5. Ella does not like green best.
6. Ella did not pack an orange for lunch.
7. Mia did not pack an orange for lunch.

	Pet			Lunch			Color		
	cat	hamster	dog	banana	cherries	orange	green	red	blue
Mia			●		●			●	
Liam	●					●	●		
Ella		●		●					●
green	●					●			
red			●		●				
blue		●		●					
banana		●							
cherries			●						
orange	●								

Solution:
Mia: dog, cherries, red
Liam: cat, orange, green
Ella: hamster, banana, blue

Logic Puzzle: Sports, Lunches and Ice Cream

Name: _____ Date: _____

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Eli, Mia and Jack each do a different sport, packed a different lunch and picked a different ice cream. Who is who?

1. Mia did not pick mint ice cream.
2. The kid who plays volleyball also packed an orange for lunch.
3. Jack does not play baseball.
4. The kid who plays baseball also packed grapes for lunch.
5. Jack did not pack an orange for lunch.
6. Mia did not pick strawberry ice cream.
7. The kid who plays volleyball also picked strawberry ice cream.

	Sport			Lunch			Ice cream		
	baseball	hockey	volleyball	orange	pear	grapes	mint	strawberry	chocolate
Eli									
Mia									
Jack									
mint									
strawberry									
chocolate									
orange									
pear									
grapes									

Logic Puzzle: Sports, Lunches and Ice Cream

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2. The kid who plays volleyball also packed an orange for lunch.
3. Jack does not play baseball.
4. The kid who plays baseball also packed grapes for lunch.
5. Jack did not pack an orange for lunch.
6. Mia did not pick strawberry ice cream.
7. The kid who plays volleyball also picked strawberry ice cream.

	Sport			Lunch			Ice cream		
	baseball	hockey	volleyball	orange	pear	grapes	mint	strawberry	chocolate
Eli			●	●				●	
Mia	●					●			●
Jack		●			●		●		
mint		●			●				
strawberry			●	●					
chocolate	●					●			
orange			●						
pear		●							
grapes	●								

Solution:

Eli: volleyball, orange, strawberry

Mia: baseball, grapes, chocolate

Jack: hockey, pear, mint