Logic Lab · Grade 3 · Workbook 03

Combine the clues to find the unique one-to-one matching. Each choice is used once.

Name: _____ Date: _____

1. Animal friends

	A	B	C	D
Mia				✕
Leo		✕		
Sam	✕			
Zoe			✕	

A: seal · B: fox · C: turtle · D: cat

Leo chose "fox".
Sam did not choose "cat".
Mia chose "cat".
Sam did not choose "turtle".
Zoe did not choose "fox".
Leo did not choose "cat".

2. Picnic choices

	A	B	C	D
Mia				✕
Leo			✕	
Sam	✕			
Zoe		✕		

A: bread · B: cheese · C: corn · D: apple

Mia chose "apple".
Sam did not choose "corn".
Sam chose "bread".
Leo chose "corn".
Mia did not choose "cheese".
Mia did not choose "bread".

3. Garden finds

	A	B	C	D
Mia	✕			
Leo				✕
Sam			✕	
Zoe		✕		

A: oak · B: tulip · C: maple · D: lily

Mia chose "oak".
Sam chose "maple".
Zoe did not choose "lily".
Leo did not choose "maple".
Zoe chose "tulip".
Mia did not choose "lily".

4. Space discoveries

	A	B	C	D
Mia			✕	
Leo	✕			
Sam				✕
Zoe		✕		

A: a comet · B: Mars · C: Venus · D: a star

Mia chose "Venus".
Leo chose "a comet".
Zoe chose "Mars".
Sam did not choose "Venus".
Leo did not choose "Venus".
Zoe did not choose "a comet".

5. Ways to travel

	A	B	C	D
Mia	✕			
Leo			✕	
Sam		✕		
Zoe				✕

A: car · B: scooter · C: plane · D: train

Zoe chose "train".
Sam chose "scooter".
Mia did not choose "plane".
Mia chose "car".
Leo chose "plane".
Zoe did not choose "car".

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1. Ways to travel

	A	B	C	D
Mia		✕		
Leo				✕
Sam	✕			
Zoe			✕	

A: bus · B: boat · C: car · D: scooter

Mia chose "boat".
Zoe did not choose "bus".
Sam chose "bus".
Leo did not choose "car".
Sam did not choose "car".
Zoe chose "car".

2. Garden finds

	A	B	C	D
Mia			✕	
Leo				✕
Sam		✕		
Zoe	✕			

A: tulip · B: oak · C: pine · D: daisy

Leo chose "daisy".
Mia did not choose "tulip".
Mia chose "pine".
Sam chose "oak".
Leo did not choose "pine".
Zoe did not choose "daisy".

3. Animal friends

	A	B	C	D
Mia				✕
Leo			✕	
Sam	✕			
Zoe		✕		

A: owl · B: rabbit · C: panda · D: seal

Mia chose "seal".
Zoe chose "rabbit".
Sam did not choose "panda".
Mia did not choose "owl".
Mia did not choose "rabbit".
Mia did not choose "panda".

4. Space discoveries

	A	B	C	D
Mia			✕	
Leo	✕			
Sam		✕		
Zoe				✕

A: Mars · B: Jupiter · C: a comet · D: Earth

Leo chose "Mars".
Sam did not choose "Earth".
Mia chose "a comet".
Leo did not choose "Earth".
Leo did not choose "a comet".
Zoe chose "Earth".

5. Picnic choices

	A	B	C	D
Mia				✕
Leo		✕		
Sam			✕	
Zoe	✕			

A: pear · B: carrot · C: corn · D: berries

Mia chose "berries".
Leo chose "carrot".
Sam did not choose "pear".
Mia did not choose "carrot".
Sam did not choose "berries".
Zoe did not choose "corn".

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1. Space discoveries

	A	B	C	D
Mia	✕			
Leo			✕	
Sam				✕
Zoe		✕		

A: Mars · B: a star · C: Neptune · D: Jupiter

Mia chose "Mars".
Zoe chose "a star".
Leo did not choose "Jupiter".
Mia did not choose "a star".
Mia did not choose "Jupiter".
Sam did not choose "a star".

2. Ways to travel

	A	B	C	D
Mia	✕			
Leo				✕
Sam		✕		
Zoe			✕	

A: rocket · B: train · C: bus · D: scooter

Leo chose "scooter".
Sam chose "train".
Mia chose "rocket".
Leo did not choose "bus".
Leo did not choose "train".
Leo did not choose "rocket".

3. Animal friends

	A	B	C	D
Mia				✕
Leo	✕			
Sam		✕		
Zoe			✕	

A: turtle · B: bear · C: dog · D: rabbit

Sam chose "bear".
Mia did not choose "dog".
Leo chose "turtle".
Sam did not choose "dog".
Sam did not choose "rabbit".
Zoe did not choose "rabbit".

4. Picnic choices

	A	B	C	D
Mia		✕		
Leo				✕
Sam	✕			
Zoe			✕	

A: cheese · B: pear · C: peach · D: carrot

Zoe chose "peach".
Leo did not choose "pear".
Sam did not choose "pear".
Leo chose "carrot".
Leo did not choose "peach".
Mia chose "pear".

5. Garden finds

	A	B	C	D
Mia		✕		
Leo	✕			
Sam				✕
Zoe			✕	

A: fern · B: rose · C: cactus · D: lily

Mia chose "rose".
Zoe did not choose "lily".
Leo did not choose "cactus".
Sam chose "lily".
Sam did not choose "rose".
Mia did not choose "cactus".