Logic Lab · Grade 3 · Workbook 01

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

Name: _____ Date: _____

1. Space discoveries

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

A: the Moon · B: Jupiter · C: a comet · D: Mars

Leo chose "a comet".
Sam did not choose "the Moon".
Zoe chose "Jupiter".
Sam did not choose "a comet".
Leo did not choose "Mars".
Sam did not choose "Jupiter".

2. Animal friends

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

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

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

3. Garden finds

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

A: oak · B: rose · C: tulip · D: pine

Sam chose "rose".
Zoe chose "pine".
Leo chose "tulip".
Sam did not choose "pine".
Leo did not choose "rose".
Leo did not choose "pine".

4. Picnic choices

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

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

Sam chose "carrot".
Leo did not choose "banana".
Leo chose "cheese".
Zoe did not choose "banana".
Sam did not choose "banana".
Leo did not choose "pear".

5. Ways to travel

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

A: train · B: bike · C: boat · D: rocket

Zoe chose "rocket".
Sam chose "bike".
Mia chose "train".
Zoe did not choose "bike".
Zoe did not choose "train".
Zoe did not choose "boat".

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1. Picnic choices

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

A: berries · B: bread · C: apple · D: peach

Zoe chose "berries".
Leo did not choose "bread".
Sam did not choose "apple".
Mia chose "peach".
Sam did not choose "berries".
Leo did not choose "berries".

2. Animal friends

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

A: seal · B: dog · C: cat · D: owl

Sam chose "cat".
Mia did not choose "seal".
Zoe did not choose "owl".
Mia did not choose "dog".
Zoe chose "dog".
Zoe did not choose "cat".

3. Garden finds

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

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

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

4. Space discoveries

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

A: Neptune · B: Jupiter · C: Mars · D: Venus

Zoe chose "Mars".
Mia did not choose "Jupiter".
Mia did not choose "Neptune".
Leo chose "Neptune".
Zoe did not choose "Jupiter".
Leo did not choose "Venus".

5. Ways to travel

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

A: tram · B: bus · C: train · D: boat

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

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1. Ways to travel

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

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

Leo chose "bus".
Mia chose "boat".
Zoe did not choose "scooter".
Leo did not choose "tram".
Mia did not choose "bus".
Leo did not choose "scooter".

2. Space discoveries

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

A: Venus · B: a star · C: Jupiter · D: the Moon

Sam chose "a star".
Leo chose "Jupiter".
Zoe chose "the Moon".
Sam did not choose "Venus".
Sam did not choose "Jupiter".
Leo did not choose "Venus".

3. Garden finds

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

A: rose · B: maple · C: oak · D: cactus

Sam chose "rose".
Zoe did not choose "cactus".
Zoe did not choose "oak".
Leo did not choose "cactus".
Sam did not choose "oak".
Sam did not choose "maple".

4. Animal friends

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

A: dog · B: seal · C: bear · D: panda

Zoe chose "dog".
Sam did not choose "panda".
Leo did not choose "panda".
Sam chose "seal".
Zoe did not choose "panda".
Leo did not choose "dog".

5. Picnic choices

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

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

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