

# Logic Grid – Hard – Pack 21

Puzzle 1 (5 cats × 5 items)

		PET					SUBJECT					COLOR					LANGUAGE				
		Cat	Dog	Rabbit	Turtle	Fish	English	History	Math	Physics	Geography	Red	Yellow	Blue	Green	Pink	French	Japanese	Arabic	Italian	Spanish
PERSON	Tim																				
	Ian																				
	Flora																				
	Will																				
	Ivan																				
LANGUAGE	French																				
	Japanese																				
	Arabic																				
	Italian																				
	Spanish																				
COLOR	Red																				
	Yellow																				
	Blue																				
	Green																				
	Pink																				
SUBJECT	English																				
	History																				
	Math																				
	Physics																				
	Geography																				

**CLUES**

- The person who likes green owns a dog.
- The geography student owns a dog.
- The Arabic speaker likes red.
- The Spanish speaker owns a dog.
- The Japanese speaker owns a cat.
- The Italian speaker likes pink.
- The history student owns a cat.
- The person who likes blue studies history.
- The Italian speaker studies math.
- The Arabic speaker studies english.
- The person who likes red owns a fish.
- Will studies math.
- Ian speaks Spanish.
- The math student does not own a turtle.
- Ivan does not speak Arabic.
- Tim does not speak Arabic.
- Tim does not like blue.

# Logic Grid – Hard – Pack 21

Puzzle 2 (5 cats × 5 items)

		INSTRUMENT					HOBBY				DAY					LANGUAGE					
		Harp	Trumpet	Piano	Guitar	Cello	Singing	Photography	Painting	Reading	Dancing	Sunday	Monday	Friday	Tuesday	Wednesday	Mandarin	Spanish	German	Korean	Japanese
PERSON	Carol																				
	Victor																				
	Kira																				
	Ivan																				
	Jake																				
LANGUAGE	Mandarin																				
	Spanish																				
	German																				
	Korean																				
	Japanese																				
DAY	Sunday																				
	Monday																				
	Friday																				
	Tuesday																				
	Wednesday																				
HOBBY	Singing																				
	Photography																				
	Painting																				
	Reading																				
	Dancing																				

**CLUES**

1. The person who chose Monday plays the cello.
2. The German speaker chose Sunday.
3. The Mandarin speaker enjoys dancing.
4. The German speaker enjoys singing.
5. The Japanese speaker enjoys reading.
6. The person who chose Tuesday enjoys painting.
7. Jake plays the harp.
8. Carol does not speak Spanish.
9. The person who enjoys singing does not play the harp.
10. The person who enjoys reading does not play the cello.
11. The German speaker does not play the guitar.
12. The person who chose Monday does not enjoy photography.
13. The Korean speaker does not choose Tuesday.
14. The German speaker does not play the trumpet.
15. The Spanish speaker does not play the guitar.
16. The person who enjoys photography does not play the trumpet.
17. Kira does not choose Tuesday.
18. Kira does not choose Wednesday.
19. Kira does not play the cello.
20. The Japanese speaker does not choose Friday.
21. Ivan does not speak Spanish.
22. The Korean speaker does not play the guitar.
23. Carol does not enjoy dancing.

## Answer Key

Puzzle 1

		PET					SUBJECT					COLOR					LANGUAGE				
		Cat	Dog	Rabbit	Turtle	Fish	English	History	Math	Physics	Geography	Red	Yellow	Blue	Green	Pink	French	Japanese	Arabic	Italian	Spanish
PERSON	Tim				✓				✓			✓				✓					
	Ian		✓							✓					✓						✓
	Flora				✓	✓					✓								✓		
	Will			✓				✓								✓				✓	
	Ivan	✓					✓					✓	✓				✓				
LANGUAGE	French				✓				✓			✓									
	Japanese	✓					✓						✓								
	Arabic				✓	✓					✓										
	Italian			✓				✓								✓					
	Spanish		✓							✓				✓							
COLOR	Red					✓															
	Yellow				✓				✓												
	Blue	✓					✓														
	Green		✓							✓											
	Pink			✓					✓												
SUBJECT	English				✓																
	History	✓																			
	Math			✓																	
	Physics				✓																
	Geography		✓																		

Puzzle 2

		INSTRUMENT					HOBBY					DAY					LANGUAGE				
		Harp	Trumpet	Piano	Guitar	Cello	Singing	Photography	Painting	Reading	Dancing	Sunday	Monday	Friday	Tuesday	Wednesday	Mandarin	Spanish	German	Korean	Japanese
PERSON	Carol				✓				✓						✓						✓
	Victor		✓					✓							✓		✓				
	Kira			✓			✓				✓								✓		
	Ivan					✓				✓		✓					✓				
	Jake	✓						✓					✓							✓	
LANGUAGE	Mandarin					✓				✓		✓									
	Spanish		✓					✓							✓						
	German			✓			✓				✓										
	Korean	✓						✓						✓							
	Japanese				✓				✓						✓						
DAY	Sunday			✓		✓															
	Monday					✓				✓											
	Friday	✓						✓													
	Tuesday		✓						✓												
	Wednesday				✓					✓											
HOBBY	Singing			✓																	
	Photography	✓																			
	Painting		✓																		
	Reading				✓																
	Dancing					✓															