

# Basic 1 - Logic Grid

This is a very easy logic grid puzzle. You may be able to solve this using less than one minute.

		Ages			Birthdays		
		7 years	8 years	9 years	April	January	September
Names	Arnold						
	Eric						
	Peter						
Birthdays	April						
	January						
	September						

1. Peter's birthday is in April.
2. Eric is 7.
3. Arnold's birthday is in September.
4. Peter is 8.

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# Basic 2 - Logic Grid

With only three clues, this logic grid is a piece of cake.

		Colors			Pets		
		blue	green	red	cat	dog	fish
Names	Angela						
	Lisa						
	Susan						
Pets	cat						
	dog						
	fish						

1. Lisa, whose favorite color is not green, has a fish.
2. Susan's favorite color is red.
3. The kid who likes green also has a dog.

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# Superheroes - Logic Grid

Solve this logic puzzle to find out the name, the age and the favorite superhero of each kid.

		Superheroes			Age		
		Batman	Spiderman	Superman	6 years	8 years	10 years
Names	Bryan						
	Sean						
	Tony						
Age	6 years						
	8 years						
	10 years						

1. Bryan likes Spiderman.
2. Tony doesn't like Superman.
3. The youngest kid likes Spiderman.
4. The kid who likes Superman is 8.

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# Basic 3 - Logic Grid

This logic problem is more complex than the other two because it has more clues and items.

		Years				Destination			
		2013	2014	2015	2016	London	Rio de Janeiro	Sydney	Tokyo
Names	Amanda								
	Jack								
	Mike								
	Rachel								
Destination	London								
	Rio de Janeiro								
	Sydney								
	Tokyo								

1. Neither Amanda nor Jack traveled in 2015.
2. Mike didn't travel to South America.
3. Rachel traveled in 2014.
4. Amanda visited London.
5. Neither Mike nor Rachel traveled to Japan.
6. A man traveled in 2016.

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# Electric Vehicles - Logic Grid

Try to solve this logic problem to figure out how much each electric vehicle has charged.

		Mileage				Cost			
		10K	20K	30K	40K	\$1.5	\$3.0	\$4.5	\$6.0
Manufacturer	French								
	German								
	Italian								
	Japanese								
Cost	\$1.5								
	\$3.0								
	\$4.5								
	\$6.0								

1. The German car has 30K miles.
2. The car with 20K miles is from the Japanese manufacturer or it charged \$1.5.
3. The French car has less miles than the Italian car.
4. The vehicle that charged \$3.0 has 10K more mileage than the Italian car.
5. The car that charged \$4.5 has 20K less mileage than the German car.

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# Kart Racing - Logic Grid

Use the clues to solve this problem and to discover the finishing positions of each pilot.

		Ages				Positions			
		13 years	14 years	15 years	16 years	First	Second	Third	Fourth
Names	Alan								
	Fred								
	Sam								
	Ronald								
Positions	First								
	Second								
	Third								
	Fourth								

1. The pilot who finished in first is older than Sam.
2. Ronald is 13 years old.
3. Sam finished in second place.
4. Alan is one year younger than the pilot who finished in third.

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# Thanksgiving Dinner - Logic Grid

Four boys are waiting for the thanksgiving dinner. Find out which food they like and are expecting to eat.

		Food				Ages			
		Ham	Mashed Potato	Pumpkin Pie	Turkey	8 years	9 years	10 years	11 years
Names	Larry								
	Nicholas								
	Philip								
	Thomas								
Ages	8 years								
	9 years								
	10 years								
	11 years								

1. Larry is looking forward to eating turkey.
2. The boy who likes pumpkin pie is one year younger than Philip.
3. Thomas is younger than the boy that loves turkey.
4. The boy who likes ham is two years older than Philip.

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# Bachelor Binge - Logic Grid

One week five bachelors agreed to go out together to eat the 5 evening meals on Monday through Friday. It was understood that Eric would miss Friday's meal because of an out-of-town wedding at which he fervently hoped to catch the bride's garter. Each bachelor served as the host at a restaurant of his choice on a different night. Use the clues below to determine which bachelor hosted the group each night and what food he selected.

		Hosts					Foods				
		Andy	Bill	Carl	Dave	Eric	Fish	Pizza	Steak	Tacos	Thai
Days	Monday										
	Tuesday										
	Wednesday										
	Thursday										
	Friday										
Foods	Fish										
	Pizza										
	Steak										
	Tacos										
	Thai										

- Eric was not Friday's host.
- Carl hosted the group on Wednesday.
- The fellows ate at a Thai restaurant on Friday.
- Bill, who detests fish, volunteered to be the first host.
- Dave selected a steak house for the night before one of the fellows hosted everyone at a raucous pizza parlor.

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puzzle created by William T. Pelletier <<https://biblescienceguy.wordpress.com/>>

# Native Indians - Logic Grid

Assign the correct leader to each tribe, find out which state they lived, and discover which Totem each tribe was devoted to.

		State				Leader				Totem			
		Alabama	Arizona	Colorado	Wyoming	Cochise	Parra	Sachem	Tecumseh	Bear	Eagle	Horse	Snake
Tribes	Apache												
	Comanche												
	Creek												
	Sioux												
Totem	Bear												
	Eagle												
	Horse												
	Snake												
Leader	Cochise												
	Parra												
	Sachem												
	Tecumseh												

1. Cochise was leader of the Apache. Tecumseh wasn't a Comanche.
2. Among Tecumseh and Parra, one of them lived in Colorado, the other one worshipped the Eagle.
3. Three of the tribes are: the Sioux, the tribe which lived in Colorado, and the tribe which worshipped the Snake.
4. Sioux didn't live in Alabama. They also didn't worship the Eagle nor the Bear.
5. Apaches worshipped the Snake, or they lived in Alabama.
6. The Comanche leader was Tecumseh, or they lived in Colorado.
7. Horse was worshipped in Wyoming or by Creeks.

# Youtubers - Logic Grid

Can you figure out which channel belong to each youtuber and how many subscribers they have?

		Subscribers				Channels				Countries			
		100,000	200,000	300,000	400,000	DIY	Games	Movies	Science	American	Australian	British	Irish
Youtubers	Anthony												
	Eric												
	Leonard												
	Robert												
Countries	American												
	Australian												
	British												
	Irish												
Channels	DIY												
	Games												
	Movies												
	Science												

1. Robert's channel has 400,000 subscribers.
2. The Irish youtuber and Leonard doesn't have a channel about movies.
3. The movies channel has 200,000 subscribers or is owned by Robert.
4. The science channel has less subscribers than the channel owned by the American.
5. Neither the science channel nor the movies channel has 400,000 subscribers.
6. Anthony has a DIY channel.
7. The Australian youtuber has a channel with 200,000 more subscribers than the science channel.

# Camp Marble - Logic Grid

Four girls meet each summer at Camp Marble, where they play marbles all the time! Can you find out how many marbles they have, and which State the girls come from?

		State				Color				Quantity			
		Alabama	Colorado	Minnesota	Tennessee	Blue	Red	White	Yellow	5	6	7	8
Names	Ariel												
	Carol												
	Mary												
	Tania												
Quantity	5												
	6												
	7												
	8												
Color	Blue												
	Red												
	White												
	Yellow												

- Mary has white or yellow marbles.
- The girl from Colorado and Tania have 13 marbles in total. The other two girls (Ariel and the girl with white marbles) have 13 marbles as well.
- The girl from Colorado has 1 less marble than the girl with the red ones.
- Carol is from Minnesota, or she has 7 marbles.
- There are two more blue marbles than those brought by the girl from Alabama.
- The girl from Tennessee didn't bring white marbles.
- Only the girl with 7 marbles has the same initial in the name and in the State she comes from.

# Cat Breeds - Logic Grid

Figure out the age and favorite food of four cats from different breeds. Each cat is wearing a colored collar.

		Collar				Age				Food			
		Black	Green	Pink	White	1	2	3	4	Chicken	Duck	Fish	Turkey
Breed	Asian												
	Highlander												
	Manx												
	Persian												
Food	Chicken												
	Duck												
	Fish												
	Turkey												
Age	1												
	2												
	3												
	4												

1. The ages of the Highlander and the cat with white collar sum up to 6. They don't like fish.
2. The cats with green and pink collar have 1 year of difference. They aren't Persians.
3. The Manx cat is black, or he likes duck.
4. The Persian isn't 3 years old. He doesn't like turkey nor duck.
5. Chicken loving cat is 1 year older than the cat wearing a green collar.
6. The cat with a pink collar is Asian, or he likes duck.
7. The cat with the black collar is 1 year younger than the cat with the green one.

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# Nobel Prizes - Logic Grid

Can you find out who got a Nobel Prize at the age of 75?

- Blackburn is 5 years older than the person awarded for Literature.
- Among Yonath and the lady who was 75, one is from USA and the other got a prize for Chemistry.
- The Australian laureate is not Ostrom. Neither of the two was 56 years old.
- The Israeli laureate is 5 years younger than the person who got a prize for Economics.
- The chemist was not 61, nor Australian.
- The German wasn't 75 and Muller is not Israeli
- Ostrom was 75 or she is Israeli, however she wasn't awarded for Literature

		Age				Field				Country			
		56 years	61 years	70 years	75 years	Chemistry	Economics	Literature	Medicine	Australia	Germany	Israel	USA
Name	Blackburn												
	Muller												
	Ostrom												
	Yonath												
Country	Australia												
	Germany												
	Israel												
	USA												
Field	Chemistry												
	Economics												
	Literature												
	Medicine												

Name	Age	Field	Country
Blackburn			
Muller			
Ostrom			
Yonath			

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# Superheroes Origins - Logic Grid

Discovery when each superhero was created. Can you also find out their real names and their origin?

		AKA				Appearance				Origin			
		Laufeyson	Matthew	Petragon	William	1962	1963	1964	1965	Giant	Hybrid	Mutant	Superhuman
Hero	Daredevil												
	Gorgon												
	Loki												
	Sandman												
Origin	Giant												
	Hybrid												
	Mutant												
	Superhuman												
Appearance	1962												
	1963												
	1964												
	1965												

1. The giant appeared 1 year before the mutant and two years before the superhuman.
2. Sandman is from 1963 or he is a hybrid.
3. Loki's real name is Laufeyson or William.
4. Gorgon is William or he appeared in 1965.
5. Daredevil appeared 1 year after William.
6. Among Gorgon and the hero from 1964, one is called Matthew and the other is the hybrid.

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# Swimming Pool - Logic Grid

There are four swimmers, each training their favorite style. Each one is from an different country and is swimming alone in their lane. What kind of swimming style is the Canadian practicing?

		Styles				Lanes				Countries			
		Backstroke	Butterfly	Dolphin	Freestyle	#1	#2	#3	#4	Australia	Canada	UK	USA
Names	Betty												
	Carol												
	Daisy												
	Emily												
Countries	Australia												
	Canada												
	UK												
	USA												
Lanes	#1												
	#2												
	#3												
	#4												

- Betty is swimming next to the athlete from the UK. Neither of them is swimming Butterfly.
- Among Emily and the Backstroker, one is from the UK and the other is in the fourth lane.
- Carol is not swimming Backstroke nor Dolphin. She is not Australian, and she is not swimming in lanes #2 nor #4.
- The Freestyler is next to both Daisy and the American swimmer.
- The American swimmer is next to Carol.
- Daisy is not swimming in lane #2.

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# Chess Tournament - Logic Grid

Use the clues below to determine the first and last names of the first through fourth place winners of the tournament, the chess opening each used in his last game, and the number of the chess board on which he played his final game. Created by: [William T. Pelletier]

(<https://biblescienceguy.wordpress.com/>)

- Mr. Hart played the King's Indian Defence.
- Steve placed ahead of the one who used the Ruy Lopez opening.
- The top 4 players were Larry, Mr. Korn, the contestant who opened with Queen's Gambit, and a player who played on an even-numbered board.
- Mr. Rose finished exactly 2 places ahead of the player on board 31.
- The number of the 3rd place winner's board is at least 10 higher or at least 10 lower than that of Mr. Baird.
- The number of the board of the contestant who placed immediately after Bert is exactly 15 higher than the number of the board played by the one who placed immediately before Tom.
- The lowest board number of the top 4 finishers was exactly half the number of the board played by the one who placed immediately after the one who played the Giuoco Piano opening.
- The highest board number was exactly 8 higher than the board number of the man who finished exactly two places after Bert.

		Names				Surnames				Openings				Numbers			
		Bert	Larry	Steve	Tom	Baird	Hart	Korn	Rose	Giuoco Piano	King's Indian	Queen's Gambit	Ruy Lopez	16	31	32	40
Places	First																
	Second																
	Third																
	Fourth																
Numbers	16																
	31																
	32																
	40																
Openings	Giuoco Piano																
	King's Indian																
	Queen's Gambit																
	Ruy Lopez																
Surnames	Baird																
	Hart																
	Korn																
	Rose																

Places	Names	Surnames	Openings	Numbers
First				
Second				
Third				
Fourth				

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## Dracula and Friends - Logic Grid

Various vampires lived in distinct regions of Romania over different centuries. Which plant did each of them fear the most?

		Regions				Plants				Centuries			
		Bucovina	Dobrogea	Muntenia	Oltenia	Ivy	Onion	Thornbush	Wolfsbane	XIV	XV	XVI	XVII
Vampires	Bogdan												
	Dorian												
	Matei												
	Octavian												
Centuries	XIV												
	XV												
	XVI												
	XVII												
Plants	Ivy												
	Onion												
	Thornbush												
	Wolfsbane												

- One, and only one, of the vampires had the same initial of his name and of his birthplace.
- Matei wasn't from Dobrogea. He hated onions or ivy.
- The vampire from Muntenia lived 100 years after the vampire who hated thornbush.
- 100 years after Dorian's death, another vampire rised in Bucovina, but this wasn't Bogdan.
- Octavian either lived in the XVI century or hated thornbush.
- If Bogdan hated wolfsbane, then Matei lived in Bucovina.
- The vampire from XIV century wasn't Octavian nor Bogdan.
- Villagers didn't grow thornbush against Dorian.
- Chronicles of XVII century claimed that ivy was ineffective, and that Dobrogea was free from vampires.