



On a sunny day four kids visited the zoo to see their favorite animal. Which hat is the 12-year-old kid wearing?

1. Only the 10-year-old kid has the same initial in his/her name and in his/her beloved animal.
2. Gabriel either has a green hat or loves the gorilla.
3. The crocodile is either Zaira's favorite, or the kid with the white hat's favorite.
4. Neither Gabriel nor Lucas are 12.
5. Gabriel is 1 year older than the kid with the red hat. Neither of them love the zebra.
6. The kid with the blue hat likes lions or zebras, and is not 13 years old.
7. The kid with the green hat either likes lions or is Charlotte.
8. The 10-year-old doesn't have the blue hat.

		Kid				Age			Hat				
		Charlotte	Gabriel	Lucas	Zaira	10 years	11 years	12 years	13 years	blue	green	red	white
Animal	crocodile												
	gorilla												
	lion												
	zebra												
Hat	blue												
	green												
	red												
	white												
Age	10 years												
	11 years												
	12 years												
	13 years												

		Kid	Age	Hat
crocodile				
gorilla				
lion				
zebra				

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		Kid				Age				Hat			
		Charlotte	Gabriel	Lucas	Zaira	10 years	11 years	12 years	13 years	blue	green	red	white
Animal	crocodile	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✓
	gorilla	✗	✗	✗	✓	✗	✗	✓	✗	✗	✗	✓	✗
	lion	✗	✓	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗
	zebra	✗	✗	✓	✗	✗	✓	✗	✗	✓	✗	✗	✗
Hat	blue	✗	✗	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗
	green	✗	✓	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗
	red	✗	✗	✗	✓	✗	✗	✓	✗	✗	✗	✗	✗
	white	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗
Age	10 years	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
	11 years	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
	12 years	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
	13 years	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

	Kid	Age	Hat
crocodile	Charlotte	10 years	white
gorilla	Zaira	12 years	red
lion	Gabriel	13 years	green
zebra	Lucas	11 years	blue

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