

Logic Puzzles

Logic Nicknames

Lilia, William, Fiona and Tomaz are all in the same class. They each have a nickname. Their nicknames are Frazzle, Fizzy, Reidy and Bam Bam, but not in that order. Use the clues to find nickname of each of the friends.

Clues

- Tomaz plays football with Reidy and goes swimming with Fizzy.
- Lilia has been to the museum with Reidy but travels to school with Bam Bam.
- Frazzle, Reidy and Fiona play in the school hockey team.
- Frazzle sometimes goes to tea with Tomaz.



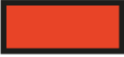
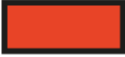


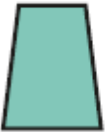









Using the recording sheet, mark with a cross if a clue shows a person and a nickname that do not match. For example, if Tomaz plays football with Reidy as it says in the first clue, then his nickname cannot be Reidy. We can place a cross there.

	Reidy	Frazzle	Fizzy	Bam Bam
Tomaz	X			
Lilia				
Fiona				
William				



Logic Shapes

Work out the value of each of the quadrilaterals and the sums of every row and column.

				<input type="text"/>
				34
				<input type="text"/>
				<input type="text"/>
28	21	<input type="text"/>	<input type="text"/>	36

$$\begin{array}{ccccccc}
 \text{teal trapezium} & = & \text{orange parallelogram} & = & \text{red rectangle} & = & \text{yellow trapezium} & = &
 \end{array}$$

Logic TV

	16:00	16:20	16:40	17:00	17:20	17:40	18:00
Monday	The Really Hungry Cooking Show	Hazard Rat	The Digger Diaries - Digging for Historical Treasures		What's News?	Keepy Uppies Football Latest	
Tuesday	The Really Hungry Cooking Show	Escape from Fort Manzi	The Lost Explorers	Weather Watchers	What's News?	Haunted House on the Hill	
Wednesday	The Really Hungry Cooking Show	Billy's War	Hazard Rat	School Rulz	What's News?	Ghosts and Ghouls	
Thursday	The Really Hungry Cooking Show	Nature Watchers - Under the Sea Special		The Joke's on You!	What's News?	Hazard Rat	Even Stevens - Superhero
Friday	The Really Hungry Cooking Show	Keepy Uppies Football Latest	Hazard Rat	School Rulz	What's News?	The It's The WKND Show	

Ned hates missing Hazard Rat.

He hates it when spooky programmes are the last thing he watches before tea.

More than 45 minutes for a programme is too long in Ned's opinion.

He'd like to be on The Really Hungry Cooking Show as a contestant.

He thinks School Rulz is extremely funny.

Ned is not too keen on Nature programmes especially when there are sharks featured.

He is a football player and fan so he likes to keep up to date with the Premiership news.

Which day is most likely to be Ned's favourite day of TV? Explain why you think so.

Which clues were helpful and which clues weren't?