Logic round

Primary Team Maths Resources 2018



www.ukmt.org.uk

Instructions

- Time allowed: 20 minutes.
- You will be given one logic puzzle requiring 25 answers. You are expected to work as a team and how you organise yourself to answer the question is up to you.
- *Two* marks are awarded for every correct answer written on the RESPONSE SHEET.

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Puzzle

You are given information about five people who can speak some languages other than their native language.

Can you work out which languages that two brothers, Mark and Stephen, along with sisters, Brenda and Margaret, and their friend Angela, speak?

Between them, they speak French, Swedish, Mandarin, Portuguese and Italian. Some may be able to speak more than one extra language.

Put 'yes' or 'no' on the RESPONSE SHEET you have been given if they do or do not speak the language.

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Only one person speaks Mandarin.
Mark speaks only one language.
Only one person speaks more than two languages.
Angela's best friend Margaret speaks Swedish.
Everyone speaks Italian.
The two sisters do not speak Portuguese.
Stephen speaks one language more than his brother Mark.
Only one person speaks all of the languages.
The two brothers do not speak French or Swedish.
One of the sisters speaks just one language.

TEAM NUMBER	School N	AME			
Brenda French	Stephen French	Margaret French 0 2	Mark French	Angela French	
Brenda Swedish	Stephen Swedish	Margaret Swedish 0 2	Mark Swedish	Angela Swedish	
Brenda Italian	Stephen Italian 0 2	Margaret Italian	Mark Italian	Angela Italian 0 2	
Brenda Mandarin	Stephen Mandarin 0 2	Margaret Mandarin 0 2	Mark Mandarin	Angela Mandarin	
Brenda Portuguese 0 2	Stephen Portuguese 0 2	Margaret Portuguese 0 2	Mark Portuguese 0 2	Angela Portuguese 0 2	
Circle the mark awarded for each question and cross out the other. Final score /50 \Box					

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