



UNITED KINGDOM MATHEMATICS TRUST

LOGIC ROUND

- Time allowed is 20 minutes.
- You will be given one logic puzzle requiring 24 answers. You will be given clues to work out the answers.
- You are expected to work as a team and how you organise yourself to answer the question is up to you.
- A grid is supplied for you to fill in the required information.
- *Two* marks are awarded for every correct answer written on the answer grid.

Logic Round

Blue, red, white and yellow teams are taking part in school sports day. Read the clues below to work out who won each event and who came second, third and fourth in each event.

A team gets 4 points for coming first, 3 for coming second, 2 for coming third and 1 for coming fourth. Calculate the total number of points awarded to each team at the end of the day.

- The blue team won four of the five events.
- The finishing order for Tyres was exactly the same as for Skills.
- The only team that came second were red or yellow.
- The red team never came first or last.
- The reds beat both the whites and the yellows in three of the four events which the blues won.
- The blues scored 17 points, 4 more than the reds.
- The order for Running was exactly the reverse of the order for Goals.
- The yellow team came second to two different teams.
- The blue team was the worst at scoring goals.
- The yellow and white teams scored exactly the same number of points.

Logic Answer Sheet

School Name _____

School Number _____

	First	Second	Third	Fourth
Target				
Tyres				
Skills				
Goals				
Running				

Total points	Blues =	Red =	White =	Yellow =
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Score 2 marks for each correct entry.

Total marks (out of 48):