



UNITED KINGDOM MATHEMATICS TRUST

## **LOGIC ROUND**

- 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 answer sheet.

## Logic Round

Five clowns are standing in a line. They are being judged as to who is the most colourful clown.

Read the clues below to work out where each clown is standing in the line, and what colour hat, hair, nose and shoes they are wearing.

- **The blue hat is worn by Jessie.**
- **The red hat is worn by the clown with the blue nose.**
- **Amy has green hair.**
- **Jessie is on the left, at the end of the row, wearing yellow shoes.**
- **Mitch, with yellow hair, has Jessie and Amy next to him.**
- **Kenny is immediately to the right of the clown with red shoes.**
- **Alby has red hair.**
- **The middle clown in the line up facing the class has a yellow nose.**
- **Both Jessie and Kenny are wearing yellow shoes.**
- **The clown with yellow hair is standing in between clowns wearing yellow and red shoes.**
- **A clown with a blue nose is next to a clown wearing a blue hat.**
- **Neither Mitch nor Jessie are wearing anything green.**
- **For each clown except Amy, their hat, hair, nose and shoes are different colours.**
- **Kenny's hat, Jessie's hair, Mitch's shoes and Alby's nose are all the same colour.**
- **The hats worn by the five clowns are all different colours. The same is also true for their hair and noses.**
- **Alby's hair is the same colour as Amy's shoes, and Amy's hair is the same colour as Alby's shoes.**
- **Everyone except Amy is wearing something which is orange.**

## Logic Round Answer Sheet

**School Name:** \_\_\_\_\_

**School Number:** \_\_\_\_\_

Position in line	Far left	Left	Middle	Right	Far right
Name of clown					
Hat colour					
Hair colour					
Nose colour					
Shoes colour					

Two marks awarded for each correct answer

**Total marks:**