

Logic Puzzles for Fun, contributed by Gordon Burgin, Norwich u3a member – Maths Group. Solutions will be posted in JUNE. Please email janine.aldridge@u3a.org.uk if you would like to share your solutions or comments.

MAY '26 LOGIC Puzzles

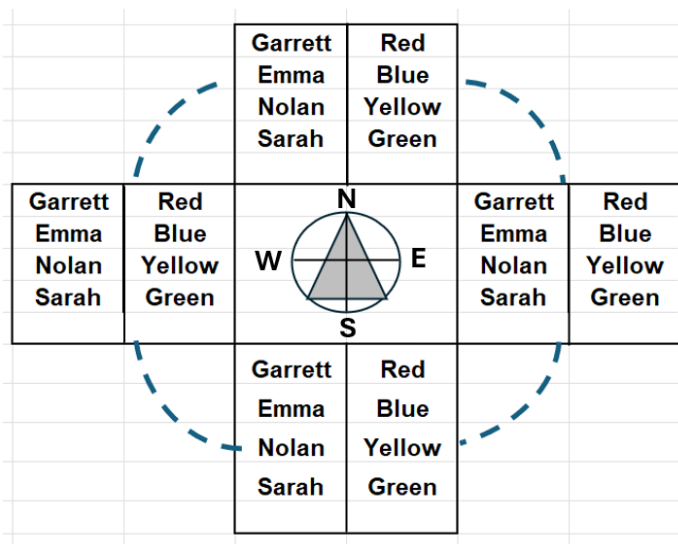
1. The Maypole Dancers Puzzle – It's May Day tradition!

Four dancers – **Garrett, Emma, Nolan and Sarah** – each hold a ribbon on the Maypole of a different color (**Red, Blue, Yellow & Green**). They stand at four different positions around the Maypole (**North, South, East & West**).

Using the following clues and diagram, determine each dancer's ribbon color and position on the Maypole. (Note: There is only one unique, fully constrained solution.)

Clues:

- 1) **Emma** does **not** hold the **Blue** or **Yellow** ribbon.
- 2) The dancer at the **North** position does not hold the **Blue** ribbon.
- 3) **Nolan** stands directly opposite the dancer with the **Green** ribbon.
- 4) **Sarah** is standing **East** of **Garrett**.
- 5) The dancer with the **Yellow** ribbon is not in the **West** position.



2. Using only three darts for each go and the following dartboard, how many different combinations can you find to score the exact sum of 42? Each dart must score a number on the board. Once three numbers have been used, the same three numbers cannot be reused in any other order. (Note: Numbers can be used more than once per go.)

