

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

FEBRUARY '26 LOGIC Puzzles

- The 5th and the 9th terms in a regular number sequence are 11 and 17 respectively. What is the sum total of the first 20 terms:

Hint: To calculate the total sum of the first 20 terms in the sequence, follow these 4 steps:

- Determine the values of the 1st and 20th numbers in the sequence.
- Add the 1st and 20th terms together.
- Divide step 2) by 2, to find the average value of the number sequence.
- Multiply step 3) by the total number of terms in the sequence to get total

Note: This procedure can be used for any normal sequences of numbers.

- Margaret and Fiona decided to play tennis against each other. They bet £1 on each game they played. Margaret won three bets and Fiona won £5. How many games did they play?
- Star-sum-logic puzzle: The 11 numbers enclosed within each grouping of outer circles represent the sum of the numbers in their respective surrounding circles. The numbers in the circles can only be 0 to 9 and each number can be used only once. One number has been provided to get you started. Find the remaining 9 numbers.

