

Logic Puzzles for Fun, contributed by Gordon Burgin, Norwich u3a member – Maths Group. Solutions will be posted in July 2023. Please email janine.aldridge@u3a.org.uk if you would like to share your solutions

JUNE '23 LOGIC Challenges

1. If the third term of an arithmetic sequence is 15 and the eighth term is 40, what is the 20th term?
2. The average age of 4 children is 15 years. If the ages of their parents are added, the average age is 25. What is the age of the father if he is 4 years older than his wife?
3. Find the numerical equivalent for the following alphametic expressions to satisfy the equations below:
 - a) $XYZ + XZY = ZYX$
 - b) $EAT + THAT = APPLE$