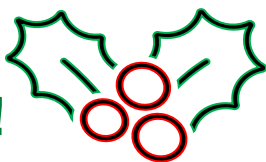




Department
of Mathematics

Festive brainteaser 2024

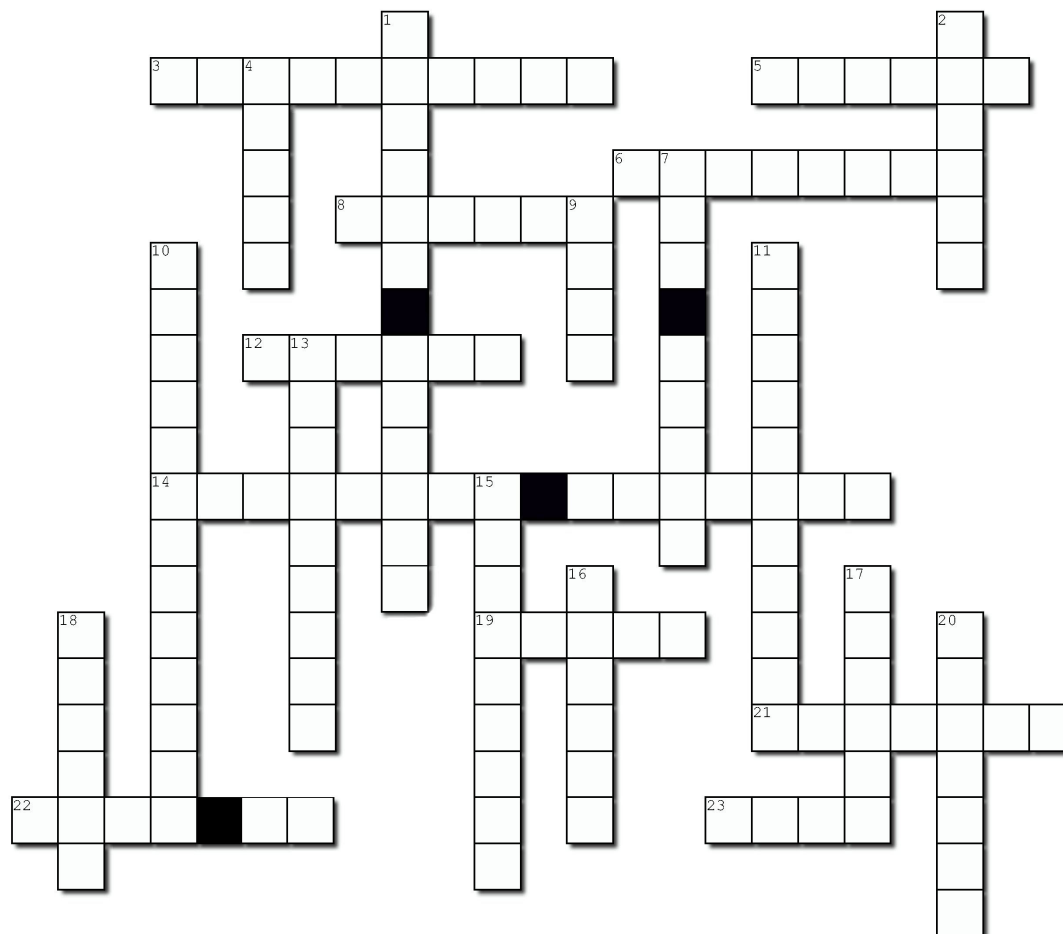
Seasons
greetings!



In a change to our usual numerical puzzles, this year it is a Maths-related crossword.

We now share our Festive brainteasers on X, Instagram and LinkedIn and will post the solutions in the New Year.

Search for
@LSEMaths.



Across

- 3. Not very original, but useful in calculus (10)
- 5. Silly clue I had for famous geometer (6)
- 6. Take part in discussion? For mathematicians, quite the opposite (8)
- 8. Numbers among European aristocracy (6)
- 12. Pay scale cut for French mathematician (6)
- 14. Art in mobile home could be this important result (8,7)
- 19. An angle that is less than right (5)
- 21. Heated rant with part of Ulam spiral is type of number (7)
- 22. Something a computer does, makes sense (4,2)
- 23. Selfish, but average (4)

Down

- 1. Deranged Irish-Russian Ivan Shamrock used to model (6,5)
- 2. Bishop leading one part of church split in two (6)
- 4. These solutions are spoken directions (5)
- 7. An equation is never partial like this (3-5)
- 9. Celebrity getting 20% in statistics and arithmetic (4)
- 10. Of interest to gamblers (13)
- 11. A working together to find areas (11)
- 13. Sounds like something a former sax-playing vice-president might execute (9)
- 15. Randomised algorithm undoes exponential (9)
- 16. Part of a mathematical collection that excites us best (6)
- 17. The force behind calculus? (6)
- 18. Lines crossing circles in harmonious combinations (6)
- 20. Quite attracted by this differentiation (7)