



Gordon Burgin's Puzzles

Month 2022 challenge

Challenge 1

What day comes three days after the day which comes two days after the day which comes immediately after the day which comes two days after Monday?

Challenge 2

The sum of four numbers is 60. One of the numbers is 50% more than the sum of the other three numbers. What is the value of this number?

Challenge 3

A circle is circumscribed about a square (as shown below). A second circle is inscribed in the square. What is the ratio of the area of the smaller circle to the area of the larger circle?
(Note: express your answer as a common fraction.)

