



Gordon Burgin's Puzzles

May 2023 challenge

Puzzle One

Six tigers can catch just six rabbits in six minutes. So how many tigers will be needed to catch sixty rabbits in sixty minutes?

Puzzle Two

A wizard was on the way to his house and a few drops from his magic potion fell on to a plant. Now, the plant will double its size every day. It is growing in a circular pond with a circumference of 600 meters. The plant-covered half the pond in 28 days, how many days would it take to cover the full pond?

Puzzle Three

What is X?

$$1 = 5$$

$$2 = 25$$

$$3 = 325$$

$$4 = 4325$$

$$5 = X$$

Puzzle Four

Take your favourite number, add this number to itself, then multiply the sum by 4, and finally divide the results by the sum of 3 and 5. What number do you finally get and why?