



Daily Article (Bharath's Reading list) - Answers and Explanations 15.11.2023

Article link :[Link](#) (How maths can help you win at everything | Mathematics)

1. According to the article, we play games because:

- A. The universe is governed by rules and games offer a space to explore those rules
- B. Games played an important role in the evolution of our species from Homo ludens to Homo sapiens
- C. We have, in Mathematics, a powerful tool to get us to the winning square quickly and efficiently
- D. All the above

Explanation : A

Option A is clearly stated. Option B is factually incorrect while C is unrelated to the question.

2. The zero in the roulette wheel is where the house beats everyone as:

- A. If the ball lands here you lose your money, whether you bet on red or black
- B. It means that there isn't an even chance of you winning your bet
- C. It means that the more you play at the wheel, the further you get from your goal of doubling your money
- D. All the above

Explanation: D

All given points are mentioned in the article

3. Based on the article, which of the following is not true?

- A. A very powerful tool if you don't know the answer to something is to ask the crowd rather than phone a friend
- B. Calculus can be used as a tool to help maximise profit and minimise costs in business
- C. The Nash Equilibrium represents the sweet spot for how much you need to offer your opponent in order to get the proposal accepted
- D. Building three houses is the fastest way to earn back on your investment in Monopoly

Explanation: C

Refer to the line, 'The sweet spot for how much you need to offer your opponent in order to get the proposal accepted is connected to one of the most important numbers in mathematics: the golden ratio.'