

Answer on Question #47189 – Math – Statistics and Probability

If four coins are flipped in succession, then the number of possible outcomes is 2, 4, 8 or 16?

Solution.

There are two possible outcomes for first coin: heads or tails. Similarly, there are two possible outcomes for second, third and fourth coins. So, we have that the number of possible outcomes is $2 \cdot 2 \cdot 2 \cdot 2 = 16$.

Answer: 16.