Answer on Question # 70216 – Math – Statistics and Probability

Question

An experiment has 8 possible outcomes, all equally likely. An event can occur in 4 ways. Find the probability that the event occurs.

The probability that the event occurs is

Solution

$$P = \frac{Number\ of\ favourable\ outcomes}{Total\ number\ of\ outcomes} = \frac{4}{8} = \frac{1}{2} = 0.5$$

Answer: 0.5.