

- $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$
- $\frac{1}{4} \cdot \frac{1}{4} = \frac{1}{16}$
- $\frac{1}{16} \cdot \frac{1}{16} = \frac{1}{256}$

QUESTION 10

The probability that a randomly selected person is a member of the Democratic Party is 0.45. The probability that a randomly selected person is a member of the Republican Party is 0.35. The probability that a randomly selected person is a member of the Independent Party is 0.20. What is the probability that a randomly selected person is a member of either the Democratic Party or the Republican Party?

ANSWER: 0.80

$$0.45 + 0.35 = 0.80$$

QUESTION 11

The probability that a randomly selected person is a member of the Democratic Party is 0.45. The probability that a randomly selected person is a member of the Republican Party is 0.35. The probability that a randomly selected person is a member of the Independent Party is 0.20. What is the probability that a randomly selected person is a member of either the Democratic Party or the Independent Party?

ANSWER: 0.65

$$0.45 + 0.20 = 0.65$$

The probability that a randomly selected person is a member of the Democratic Party is 0.45. The probability that a randomly selected person is a member of the Republican Party is 0.35. The probability that a randomly selected person is a member of the Independent Party is 0.20. What is the probability that a randomly selected person is a member of either the Democratic Party or the Republican Party or the Independent Party?

ANSWER: 1.00

The probability that a randomly selected person is a member of the Democratic Party is 0.45. The probability that a randomly selected person is a member of the Republican Party is 0.35. The probability that a randomly selected person is a member of the Independent Party is 0.20. What is the probability that a randomly selected person is a member of either the Democratic Party or the Republican Party or the Independent Party or the Green Party?

ANSWER: 1.00

The probability that a randomly selected person is a member of the Democratic Party is 0.45. The probability that a randomly selected person is a member of the Republican Party is 0.35. The probability that a randomly selected person is a member of the Independent Party is 0.20. The probability that a randomly selected person is a member of the Green Party is 0.00. What is the probability that a randomly selected person is a member of either the Democratic Party or the Republican Party or the Independent Party or the Green Party?

ANSWER: 1.00

$$0.45 + 0.35 + 0.20 + 0.00 = 1.00$$

- $0.45 + 0.35 + 0.20 + 0.00 = 1.00$
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The probability that a randomly selected person is a member of the Democratic Party is 0.45. The probability that a randomly selected person is a member of the Republican Party is 0.35. The probability that a randomly selected person is a member of the Independent Party is 0.20. The probability that a randomly selected person is a member of the Green Party is 0.00. What is the probability that a randomly selected person is a member of either the Democratic Party or the Republican Party or the Independent Party or the Green Party or the Libertarian Party?

ANSWER: 1.00

