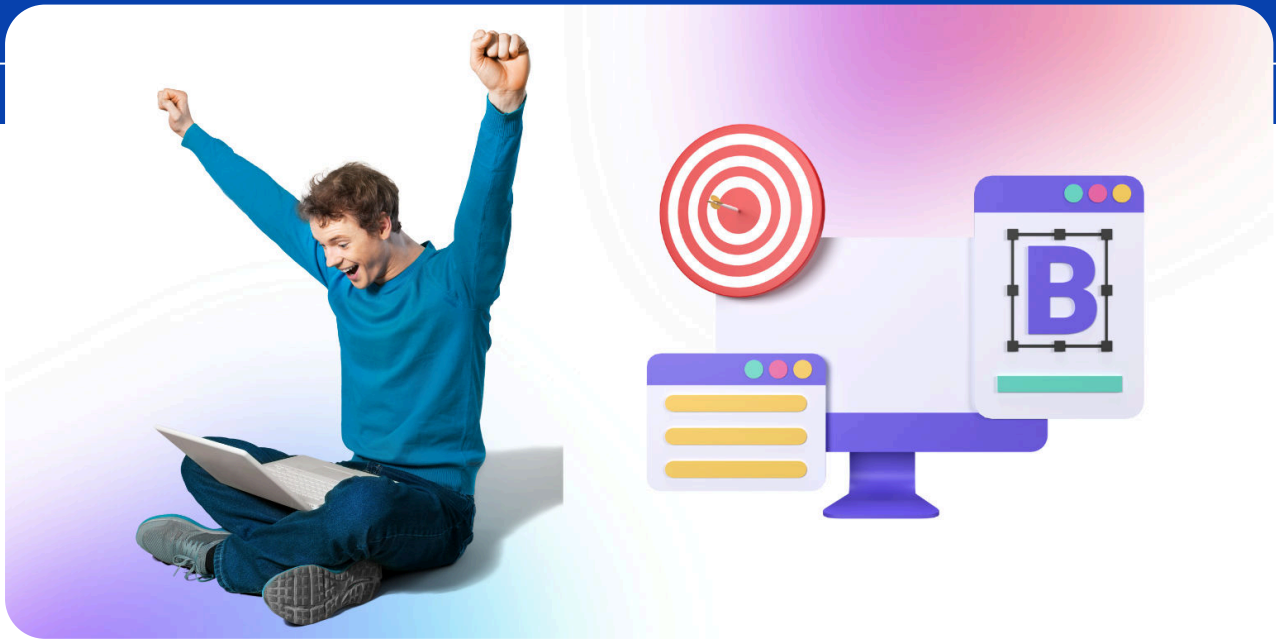
Edulyte

PERCENTAGE FORMULA

Percentages, a fundamental mathematical concept, is used universally for comparison by representing a part out of 100. This plays a crucial role in diverse computations, ranging from financial planning to statistical analysis. In the realm of finance, percentages are essential for determining interest rates, profit margins, and budget allocations. In academic contexts, they are utilized to assess student performance.

Read more



Q1: What is the percentage equivalent of the fraction 3/5?

A: 30%
B: 50%
C: 60%
D: 75%

Q2: What is 30% of 150?

A: 45
B: 50
C: 60
D: 75

Q3: If a test consists of 20 questions, and a student correctly answers 80%, how many questions are answered correctly?

A: -12
B: -16
C: -18
D: -20

Q4: If a product is initially priced at $80 and is discounted by 20%, what is the final price?

A: -$64
B: -$72
C: -$76
D: -$82

Q5: The cost of a shirt increased from $25 to $35. Calculate the percentage increase.

A: -20%
B: -25%
C: -30%
D: -40%

Q6: A company's profits increased from $50,000 to $65,000. What is the percentage increase in profits?

A: -20%
B: -30%
C: -40%
D: -50%

Q7: If the population of a city increased from 500,000 to 600,000, what is the percentage increase?

A: 10%
B: 15%
C: 20%
D: 25%

Q8: If an investment decreases by 15%, what percentage increase is needed to recover the original value?

A: -17.65%
B: -18.75%
C: -20%
D: 23.53%

Q9: In a school, 80% of the students pass the math exam. If there are 240 students, how many passed?

A: 160
B: 180
C: 192
D: 200

Q10: If the original price of a product is $120 and it is on sale for $96, what is the percentage discount?

A: 15%
B: 20%
C: 25%
D: 30%

Answers

Q1: C - 60%

Q2: A - 45

Q3: B - -16

Q4: A - -$64

Q5: D - -40%

Q6: C - -40%

Q7: C - 20%

Q8: A - -17.65%

Q9: C - 192

Q10: B - 20%