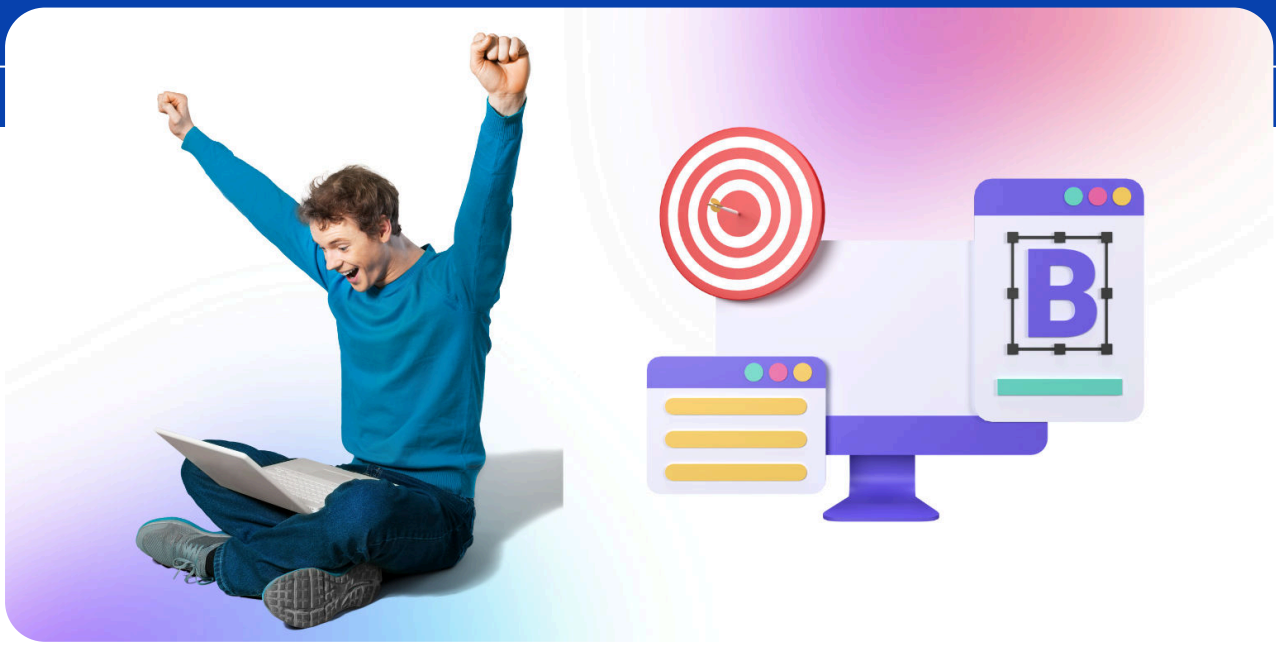
Edulyte

FRACTION TO DECIMAL

"Convert fractions to decimals…." how many times has this instruction left you staring blankly at the fraction? What if Edulyte tells you that there are ways in which you can overcome your fear of converting fractions to decimals? Check out this resource on handling such mathematical problems with ease.

Read more



Q1: What is the decimal form of 2/5?

A: A. 0.4
B: B. 0.2
C: C. 0.5
D: D. 0.8

Q2: How would you express 5/8 as a decimal?

A: A. 0.625
B: B. 0.25
C: C. 0.75
D: D. 0.5

Q3: Which of the following is a recurring decimal?

A: A. 0.333...
B: B. 0.625
C: C. 0.8
D: D. 0.15

Q4: What is the crucial step in converting a fraction to a decimal using the long division method?

A: A. Multiply the numerator and denominator
B: B. Add the numerator and denominator
C: C. Divide the numerator by the denominator
D: D. Subtract the numerator from the denominator

Q5: What should you pay close attention to when converting fractions to decimals to avoid errors?

A: A. Multiplication of the numerator and denominator
B: B. Decimal point placement
C: C. Addition of the numerator and denominator
D: D. Subtraction of the numerator from the denominator

Q6: What notation is used to indicate a repeating decimal pattern, such as in $0.\overline{6}$ (put bar above 6)?

A: A. [6]
B: B. $0.\overline{6}$
C: C. {6}
D: D. 0.6

Q7: What is the decimal representation of the fraction 4994?

A: A. 0.4444...
B: B. 0.5555...
C: C. 0.6666...
D: D. 0.7777...

Q8: What is the decimal equivalent of the fraction 5/11?

A: A. 0.5454...
B: B. 0.5555...
C: C. 0.4545...
D: D. 0.5656...

Q9: What is the decimal representation of the fraction 3/8?

A: A. 0.375
B: B. 0.4444...
C: C. 0.625
D: D. 0.75

Q10: Convert the fraction 3/6 to a decimal.

A: A. 0.4
B: B. 0.5
C: C. 0.6
D: D. 0.8

Answers

Q1: A - A. 0.4

Q2: A - A. 0.625

Q3: A - A. 0.333...

Q4: C - C. Divide the numerator by the denominator

Q5: B - B. Decimal point placement

Q6: B - B. $0.\overline{6}$

Q7: A - A. 0.4444...

Q8: A - A. 0.5454...

Q9: A - A. 0.375

Q10: B - B. 0.5