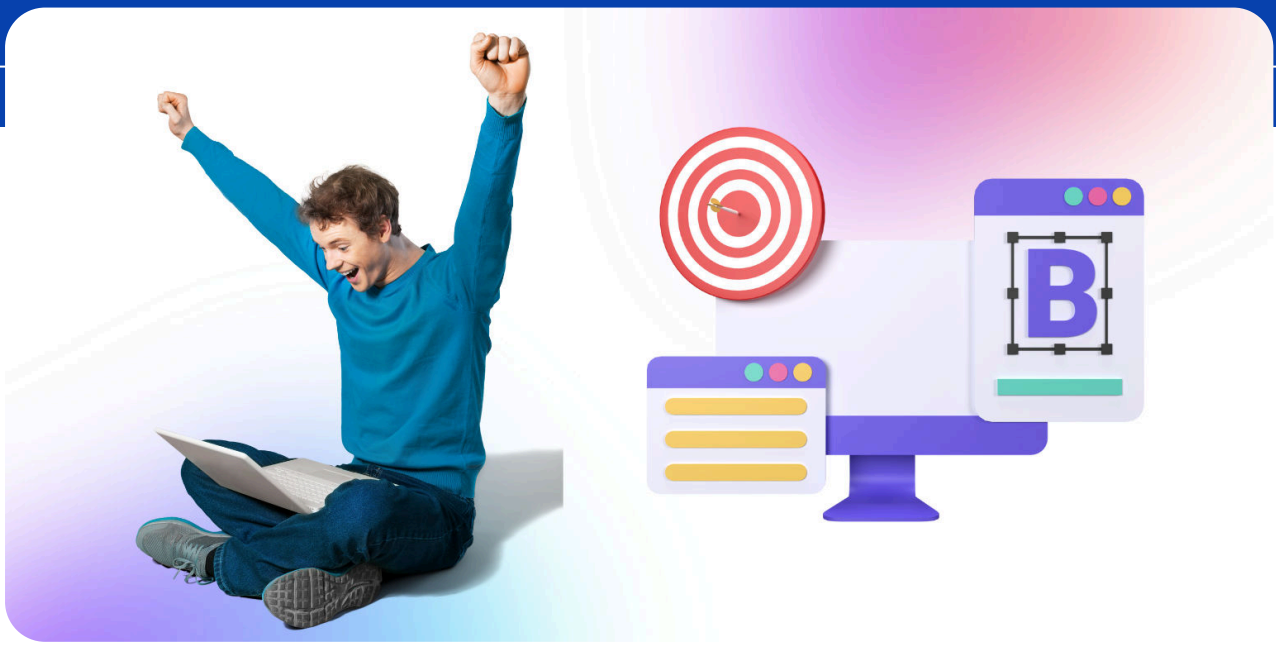
Edulyte

SCALENE TRIANGLE

Triangles can be intimidating, and dealing with their types and calculations can test the best of students. Edulyte offers to empower your understanding of triangles, starting from finding the answers to your questions: what is a Scalene triangle? Is it an irregular triangle?

Read more



Q1: Which of the following is a property of scalene triangles?

A: All angles are equal
B: All sides are equal
C: No sides are equal
D: One angle is always obtuse

Q2: What is the sum of the angles in a scalene triangle?

A: 90 degrees
B: 180 degrees
C: 270 degrees
D: It varies

Q3: What type of triangle has no lines of symmetry?

A: Equilateral
B: Isosceles
C: Scalene
D: Right-angled

Q4: What defines a scalene triangle?

A: All sides are equal.
B: Two sides are equal.
C: All angles are equal.
D: All sides are of different lengths.

Q5: How many angles are greater than 90 degrees in an obtuse scalene triangle?

A: None
B: One
C: Two
D: Three

Q6: What is the sum of interior angles in any triangle?

A: 90 degrees
B: 120 degrees
C: 180 degrees
D: 360 degrees

Q7: Can a scalene triangle have two sides of equal length?

A: Yes
B: No
C: Only in special cases
D: Sometimes

Q8: Which formula can be used to find the area of a scalene triangle when the base (b) and height (h) are known?

A: A = 1/2 × (base + height)
B: A = 1/2 × base × height
C: A = base × height
D: A = 1/2 × base + height

Q9: If all three sides of a triangle have different lengths, what type of triangle is it?

A: Equilateral
B: Isosceles
C: Scalene
D: Right-angled

Q10: In a scalene triangle, if angle A measures 40 degrees and angle B measures 75 degrees, what is angle C?

A: 400 degrees
B: 1500 degrees
C: 750 degrees
D: 8500 degrees

Answers

Q1: C - No sides are equal

Q2: B - 180 degrees

Q3: C - Scalene

Q4: D - All sides are of different lengths.

Q5: B - One

Q6: C - 180 degrees

Q7: B - No

Q8: B - A = 1/2 × base × height

Q9: C - Scalene

Q10: B - 1500 degrees