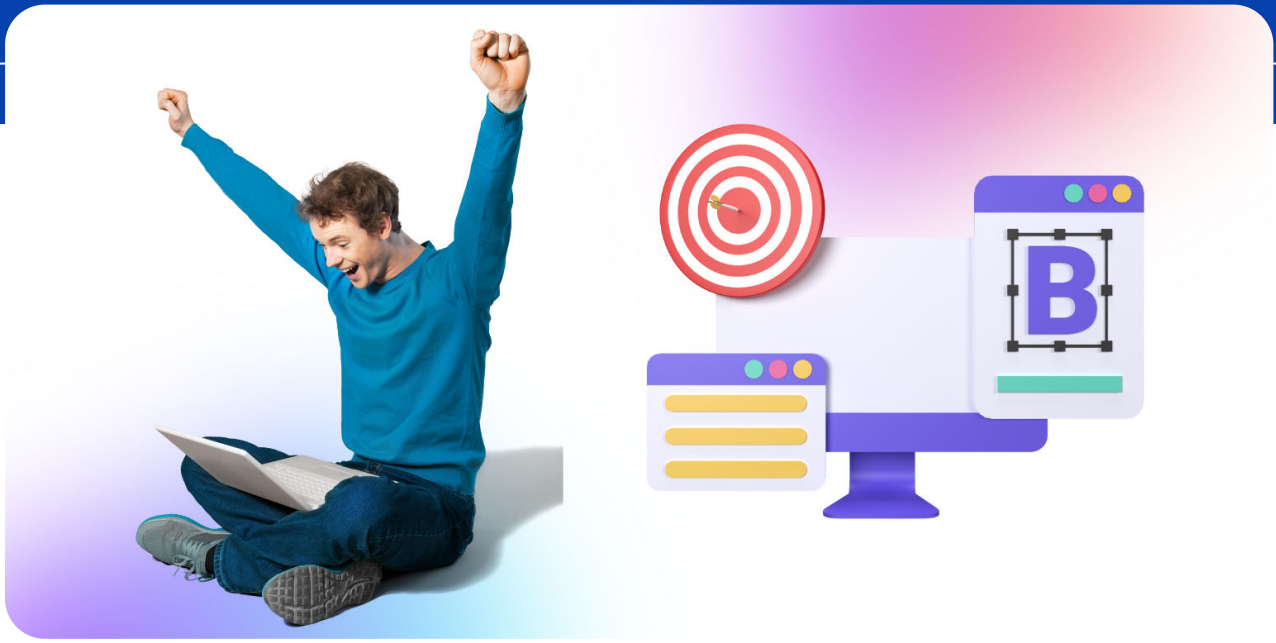
Edulyte

CIRCLES

Circles are a significant concept in geometry. A circle has an equal distance from a central point. It is rounded in shape and used for various purposes in geometry. In daily life, wheels and plates are common examples of circles. The concept of a circle is used for calculation in math, and in geometry, you can find out the arcs by using circle formulas. This page will assist you in getting information about the circle's usefulness and formulas. It sounds interesting, right? So, let's understand the circle concept from basics to advanced.

Read more



Q1: Which mathematical constant represents the ratio of a circle's circumference to its diameter?

A: Φ (Phi)
B: ε (Epsilon)
C: π (Pi)
D: δ (Delta)

Q2: What is the formula for finding the area of a circle when the radius is known?

A: $A = \pi r$
B: $A = \pi r^2$
C: $A = 2\pi r$
D: $A = 2r/d$

Q3: What is the name of a line that touches a circle at a single point without crossing its boundary?

A: Radius
B: Chord
C: Diameter
D: Tangent

Q4: Do the perimeter and area of the circle have similarities?

A: Yes
B: No

Q5: Find out the circumference of the circle if the R is 7?

A: 22
B: 22/7
C: 3.14
D: 44

Q6: What is the diameter?

A: 2D
B: $R^2 + r^2$
C: π
D: 2r

Q7: What is the area of the Circle if the radius is 10 cm?

A: 314m
B: 314 cm
C: 22
D: πr^2

Q8: What is the radius?

A: D/2
B: 2π
C: 1π
D: π^2

Q9: Are Radius and Diameter related to each other?

A: Yes
B: No

Q10: What would the radius be if the diameter is 4m?

A: 4
B: 8
C: 7
D: 2

Answers

Q1: C - π (Pi)

Q2: B - $A = \pi r^2$

Q3: D - Tangent

Q4: A - Yes

Q5: D - 44

Q6: D - 2r

Q7: B - 314 cm

Q8: A - D/2

Q9: A - Yes

Q10: D - 2