

# Intro to Calculus for Kids

Calculus · Answer Key · 12 Questions

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**1. Calculus is a special kind of math used to study things that are doing what?**

- A) Staying still
- B) Sleeping
- C) Changing**
- D) Disappearing

**2. In Latin, the word 'calculus' actually means what?**

- A) Small pebble**
- B) Giant mountain
- C) Fast car
- D) Magic wand

**3. Which famous scientist is known for inventing calculus to help explain how planets move?**

- A) Albert Einstein
- B) Thomas Edison
- C) Nikola Tesla
- D) Isaac Newton**

**4. What do we call the measurement of how steep a hill or a line is?**

- A) Height
- B) Slope**
- C) Width
- D) Weight

**5. Besides Isaac Newton, which other mathematician is credited with inventing calculus?**

- A) Leonardo da Vinci
- B) Gottfried Wilhelm Leibniz**
- C) Benjamin Franklin
- D) Marie Curie

**6. What is the name for finding the total area inside a wiggly or curved shape?**

- A) Subtraction
- B) Multiplication
- C) Integration**
- D) Division

7. If you want to know how fast a car is going at one exact 'blink-of-an-eye' moment, what do you use?

- A) A derivative
- B) A ruler
- C) A scale
- D) A thermometer

8. What is a line called when it just touches a curve at exactly one single point?

- A) A circle
- B) A square
- C) A zig-zag
- D) A tangent line

9. In calculus, what do we call a value that a sequence gets closer and closer to, but never quite reaches?

- A) The start
- B) The middle
- C) A limit
- D) The finish

10. If speed tells us how fast we move, what word describes how fast our speed is changing?

- A) Length
- B) Acceleration
- C) Volume
- D) Density

11. Calculus is often divided into two main parts. One is 'Integral' calculus, what is the other?

- A) Simple calculus
- B) Differential calculus
- C) Easy calculus
- D) Number calculus

12. When we use calculus to add up many tiny slices to find a whole volume, what are we doing?

- A) Sorting
- B) Integrating
- C) Guessing
- D) Rounding