

Calculus and World Geography

Calculus · Practice Test · 8 Questions

1. Sir Isaac Newton, a co-inventor of calculus, was born in which country?

- A) France
- B) United Kingdom
- C) Germany
- D) Italy

2. Gottfried Wilhelm Leibniz, who independently developed calculus, was born in which modern-day country?

- A) Germany
- B) Spain
- C) Poland
- D) Austria

3. The study of rates of change is central to calculus. Which of these countries has the highest rate of change in elevation due to the Himalayan mountain range?

- A) Nepal
- B) Australia
- C) Brazil
- D) Denmark

4. Calculus is used to calculate volumes of solids. Which country has the largest land area in the world?

- A) China
- B) United States
- C) Russia
- D) Canada

5. Integration can determine area. Which country is the largest in South America by area?

- A) Argentina
- B) Chile
- C) Brazil
- D) Peru

6. The concept of limits is fundamental to calculus. Which continent contains the geographic South Pole?

- A) Antarctica
- B) Africa
- C) Australia
- D) South America

7. Calculus was pivotal in the Industrial Revolution. Which country is known as the birthplace of the Industrial Revolution?

- A) United Kingdom
- B) Japan
- C) France
- D) United States

8. Calculus involves infinite series. Which country is home to the Nile, the river often cited as the longest in the world?

- A) Egypt
- B) Sudan
- C) Ethiopia
- D) Uganda