

Algebraic Geography Quiz

Algebra · Answer Key · 10 Questions

1. If the Nile River is 6,650 km long and the Amazon River is x km long, and the difference in their lengths is 250 km (Nile being longer), what is the length of the Amazon River in km?

- A) 6,400**
- B) 6,900
- C) 6,500
- D) 6,350

2. If Japan has 4 main islands and the Philippines has x main islands, and the total number of main islands in both countries is 11, what is x ?

- A) 5
- B) 6
- C) 7**
- D) 8

3. Mount Everest is 8,848 meters tall. If a climber reaches a camp at x meters, and they have 3,848 meters left to climb to the summit, what is x ?

- A) 4,000
- B) 5,000**
- C) 6,000
- D) 4,500

4. The population of Australia is approximately 26 million. If the population of New Zealand is x million, and their combined population is 31 million, what is x ?

- A) 4
- B) 5**
- C) 6
- D) 7

5. The Sahara Desert covers about 9 million square kilometers. If the Gobi Desert covers x million square kilometers, and the Sahara is 7.7 million square kilometers larger than the Gobi, what is x ?

- A) 1.3**
- B) 2.3
- C) 3.3
- D) 0.3

6. If the Earth takes 24 hours to complete one rotation, and the time zone offset between two cities is x hours, and the local time in the second city is $24 - x$ hours, what is x if the offset is 5 hours?

- A) 15
- B) 17
- C) 19
- D) 5**

7. The distance from Earth to the Moon is about 384,000 km. If a spacecraft has traveled x km and has 184,000 km remaining, what is x ?

- A) 200,000**
- B) 100,000
- C) 150,000
- D) 250,000

8. A standard globe represents the Earth's surface. If a model represents 1,000 km with 1 cm, how many cm (x) would represent 5,000 km?

- A) 2
- B) 3
- C) 4
- D) 5**

9. The Arctic Circle is at 66.5 degrees North latitude. If the Antarctic Circle is at x degrees South latitude, what is x ?

- A) 55.5
- B) 66.5**
- C) 76.5
- D) 46.5

10. If a ship sails 400 km on the first day and x km on the second day to complete a 900 km journey, what is x ?

- A) 400
- B) 600
- C) 500**
- D) 300