

Cartography Fundamentals

Cartography · Practice Test · 8 Questions

1. In what year did the Greek polymath Eratosthenes calculate the circumference of the Earth?

- A) 240 BC
- B) 150 AD
- C) 1000 AD
- D) 1492 AD

2. Which famous mapmaker published the 'Theatrum Orbis Terrarum', often considered the first modern atlas, in 1570?

- A) Gerardus Mercator
- B) Abraham Ortelius
- C) Ptolemy
- D) John Speed

3. How many degrees of longitude are contained within a single time zone, based on the 360-degree rotation of the Earth in 24 hours?

- A) 5 degrees
- B) 10 degrees
- C) 15 degrees
- D) 20 degrees

4. In which century did Claudius Ptolemy write 'Geographia', a work that influenced cartography for over a thousand years?

- A) 1st century
- B) 2nd century
- C) 5th century
- D) 10th century

5. The Mercator projection, famously used for navigation, was first introduced by Gerardus Mercator in which year?

- A) 1492
- B) 1510
- C) 1569
- D) 1605

6. How many cardinal directions are standardly represented on a compass rose?

- A) 2
- B) 4
- C) 8
- D) 16

7. What is the name of the imaginary line that represents 0 degrees latitude?

- A) Prime Meridian
- B) Equator
- C) Tropic of Cancer
- D) Arctic Circle

8. How many miles (approximately) is one degree of latitude at the Equator?

- A) 69 miles
- B) 100 miles
- C) 50 miles
- D) 30 miles