

Cartography Fundamentals

Cartography · Answer Key · 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