

Navigational Tools

1. The *kamal* was used to determine the distance between the horizon and what?
2. How did a navigator hold the cord of the *kamal*?
3. Polaris is a star more commonly known today as what?
4. Polaris is part of what constellation?
5. The North Star is useful to navigators because it never does what? (Hint: This allows navigators to look to it at any point in the day or night and know the direction north.)
6. Who first discovered the use of Polaris as a navigation tool?
7. “Astrolabe” is a Greek-Arabic word that means what?
8. An astrolabe has pointers and dials that show the position of what?
9. Astrolabe technology passed from whom to the Europeans during the 12th century?
10. Who first advanced the technology of determining coordinates for places on Earth, which we still use today in Global Positioning Systems?
11. A wind rose is a navigational tool that consists of a circle, divided into many sections to show what?