

3. Parallels and Meridians

Worksheet 1

A Fill in the blanks.

1. The Tropic of _____ passes through India.
2. The place where the parallel and meridian cross is the _____ of the place.
3. Another name for grid is _____.
4. The meridians help us find the _____ direction.
5. The _____ Circle lies at $66\frac{1}{2}$ degrees South.

B Answer the following questions briefly.

1. On which latitude does the Tropic of Capricorn lie?

2. What is the total number of parallels on the globe?

3. Does the time go back or forward when you travel east?

C Say Yes or No to the following.

1. The Equator is drawn on the Earth. _____
2. The length of parallels decreases from the Equator to the Poles. _____
3. The Prime Meridian is near New York. _____
4. The endpoints of the axis are the Poles. _____
5. The South Pole is at 180 degrees from the Equator. _____

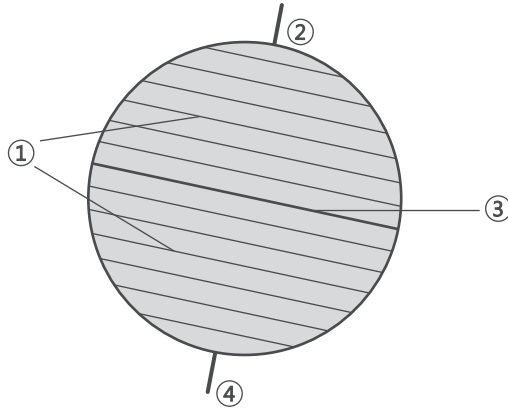
- D **Project:** Take any small ball of a single colour and try to draw the Equator, the Tropics of Cancer and Capricorn, the Arctic and Antarctic Circles and the Poles on it. Mark the Prime Meridian also.

Answers to Worksheet 1

- A. 1. Cancer 2. location 3. graticule 4. east-west 5. Antarctic
B. 1. $23\frac{1}{2}$ degrees south 2. 181 parallels 3. Forward 4. The Equator 5. At the Equator
C. 1. No [on the globe] 2. Yes 3. No [near London] 4. Yes 5. No [90]
D. Any reasonable effort is acceptable.

Worksheet 2

A Label the following diagram.



B Draw a rough map of India showing its relationship with the Equator and the Tropic of Cancer.

Answers to Worksheet 2

- A. 1. Latitudes 2. North Pole 3. Equator 4. South Pole
B. The students can do this on their own.