

# Topic: The Model of the Earth

**Aim** How can you pinpoint a location on the Earth's surface?

recall

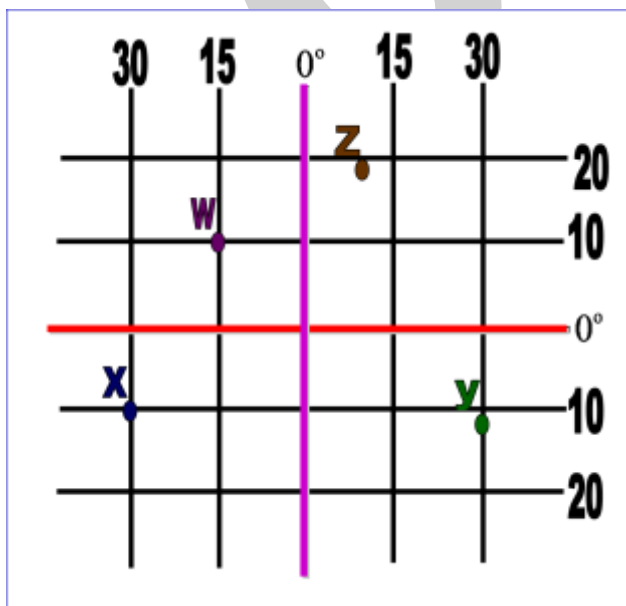
notes

1. What is latitude and what do latitude lines measure?

- latitude lines are horizontal lines (remember: "lat - flat") (parallel lines)
- measure how far a location is north or south of the Equator.
- ranges from  $0^\circ$  to  $90^\circ$

2. What is longitude and what do longitude lines measure?

- longitude lines are vertical lines (intersect at the poles)
- measure how far a location is west or east of the Prime Meridian (Greenwich Meridian).
- ranges from  $0^\circ$  to  $180^\circ$



Location	Latitude	Longitude
W	10°N	15°W
X	10°S	30°W
Y	12°S	30°E
Z	19°N	10°E