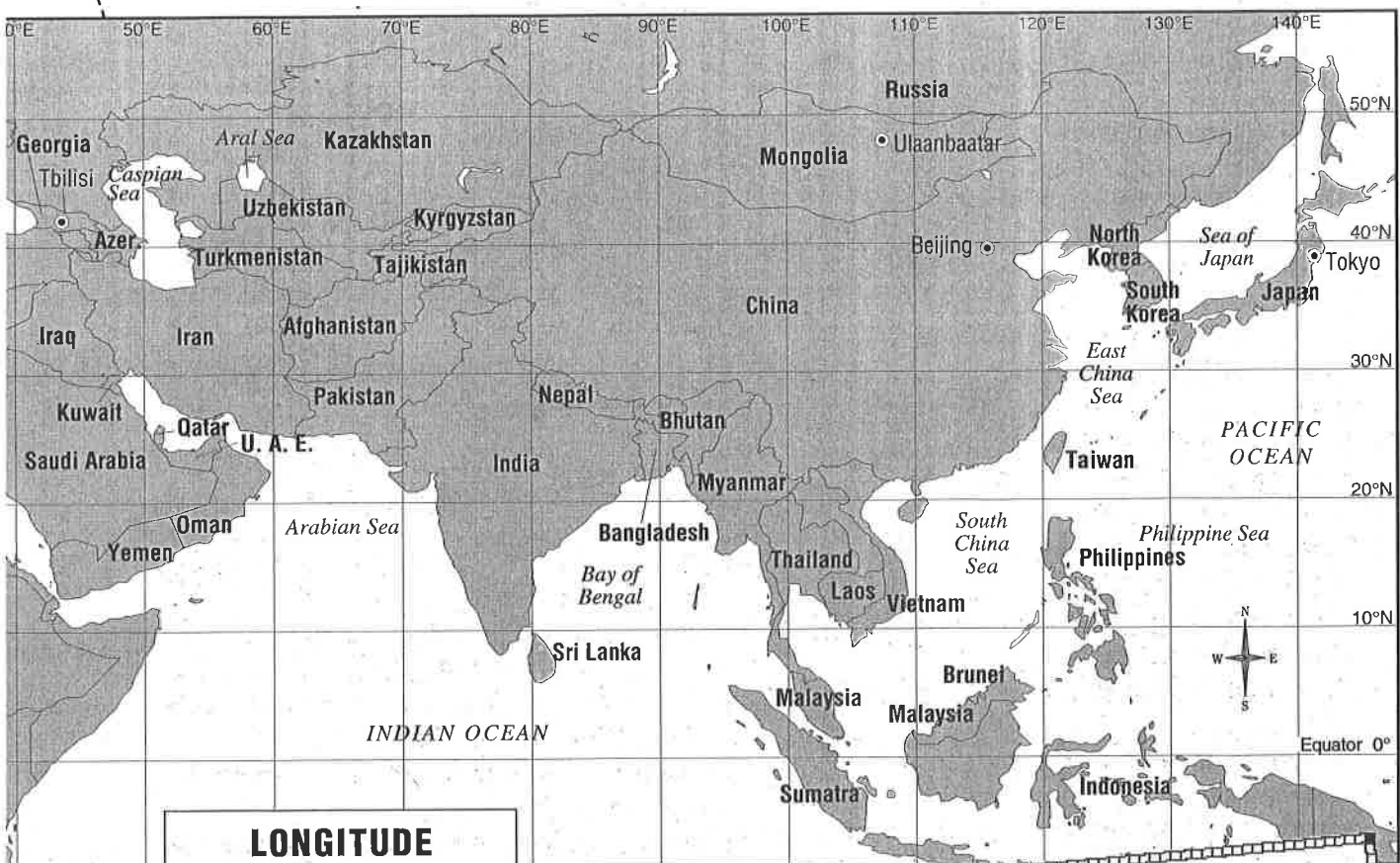


Longitude and Latitude

Asia

No matter where you are on earth, you can find out your location by using a special system called the global grid. This grid is made up of imaginary lines called latitude and longitude. If you imagine that the earth is an apple, lines of latitude, also called parallels, would slice the apple across into disks. The line around the middle is called the equator, and everything above that line is north; everything below it is south. Lines of longitude, also called meridians, would slice the apple from top to bottom into wedges. These lines meet at the top of the earth at the North Pole and at the bottom at the South Pole. A line that runs from north to south through England is called the Prime Meridian. All lines to the right of this are east; all lines to the left are west.



LONGITUDE AND LATITUDE: Asia

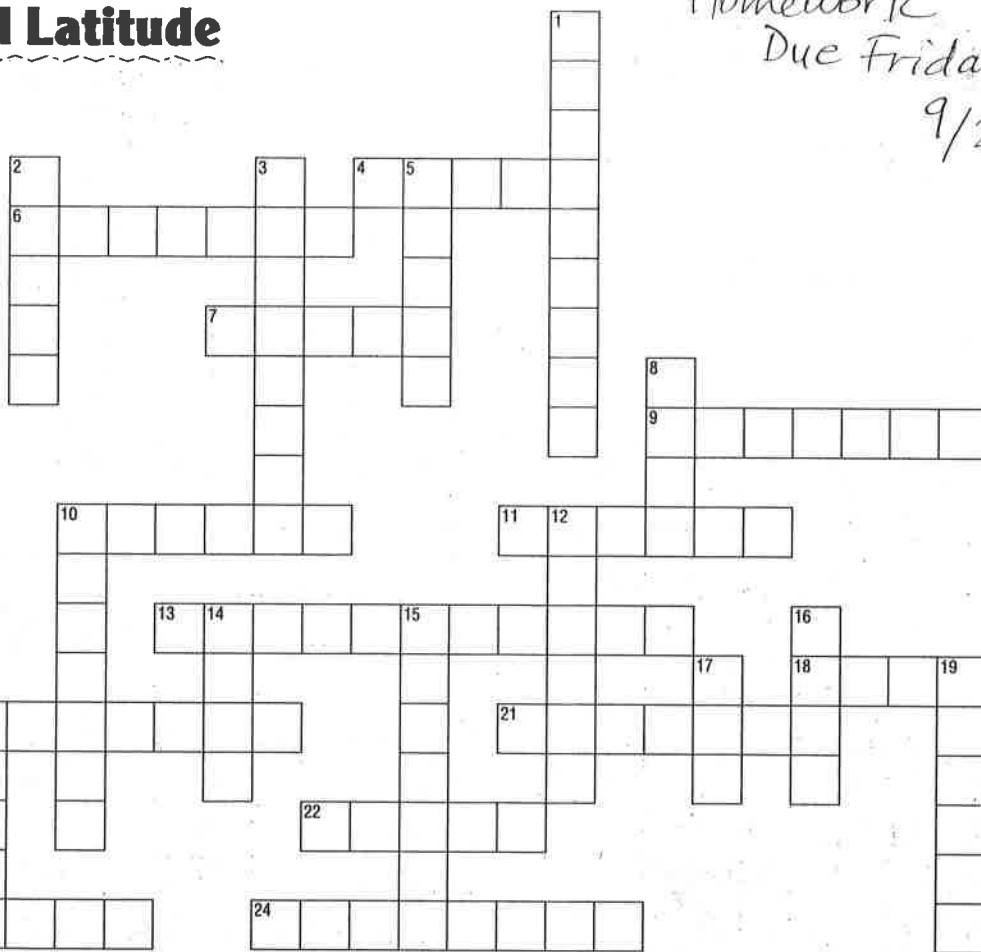
- Capital city
- National boundary

DID YOU KNOW?

The Greek geographer Ptolemy who lived from AD 100–170 included listings of longitude and latitude in his famous book about mapmaking.

Longitude and Latitude

Homework
Due Friday,
9/22



Across

- 4 The line 10°N crosses over the following countries: Phillipines, Vietnam, Thailand, and _____.
- 6 The _____ Sea is located where the lines 20°N and 70°E cross.
- 7 When listing the location of a place, the degree of latitude is always listed _____.
- 9 The line that is 0° latitude is also called the _____.
- 10 As you move north or south from the equator, lines of longitude become _____ to one another.
- 11 This tiny country, located on the 90° E meridian, is squeezed between China and India.
- 13 This capital of Mongolia is located at 48°N, 108°E.
- 18 The countries shown on this map make up the continent of _____.
- 20 The capital of Georgia, located at about 42°N is called _____.
- 21 Longitude and latitude are measured in _____.
- 22 This large country spreads across Asia from 80°E to 130°E.
- 23 Lines of longitude, or meridians, run from north to _____.
- 24 The lines 50°N and 100°E cross in this country.

Down

- 1 Another word for lines of latitude is _____.

- 2 Between Japan and Korea, at 40°N is the Sea of _____.
- 3 Lines that run across the globe east to west are called lines of _____.
- 5 Above the equator, the higher the number of latitude, the farther _____ you are.
- 8 Lines of latitude run from east to _____.
- 10 This large sea is actually a lake, and is located at 40°N, 50°E.
- 12 As you move closer to the equator, the temperature is usually _____.
- 14 When listing the location of a place, the degree of longitude is always listed _____.
- 15 The capital of China, which is located on the 40th parallel, is _____.
- 16 China is located in which direction from the Prime Meridian?
- 17 There are _____ degrees between the lines of latitude shown on this map.
- 19 Spell backwards this large country, which is located mostly above 50° N.
- 20 This capital city is located very close to the meridian 140°E.