Name: _____ Class: _____ Date: _____

Latitude & Longitude

Worksheet: read the grid, find the cities and test your thinking.

TOPIC	LEVEL	STRAND	TIME
Latitude & Longitude	Grades 5–8	Map skills	25–35 minutes

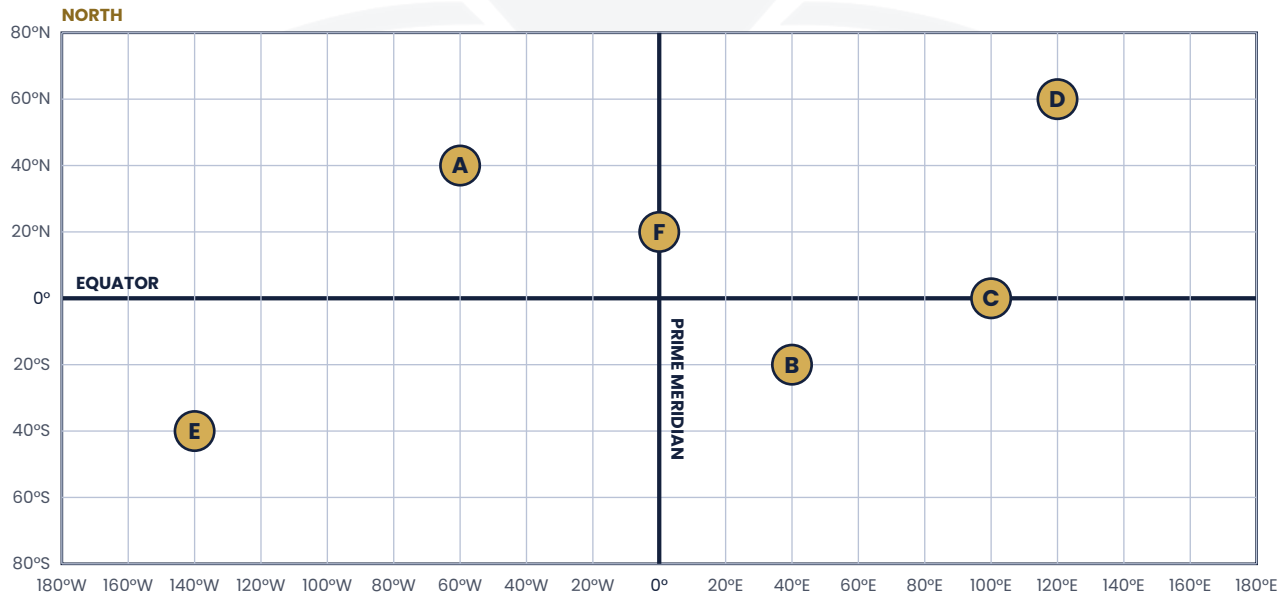
Part A – Key words

Match each word to its meaning. Write the letter in the box.

Word	Letter	Meaning
1. Equator		**a.** Half of the Earth.
2. Prime Meridian		**b.** Distance in degrees east or west of the Prime Meridian.
3. Latitude		**c.** The 0° line of latitude that circles the middle of the Earth.
4. Longitude		**d.** A pair of numbers (latitude, longitude) that gives an exact location.
5. Hemisphere		**e.** The 0° line of longitude that passes through Greenwich, London.
6. Coordinates		**f.** Distance in degrees north or south of the Equator.

Part B – Read the grid

Each line on the grid is 20° apart. Write the latitude and longitude of points A to F.



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Point	Latitude	Longitude
A		
B		
C		
D		
E		
F		

Part C – Capital cities

For each capital, write **N** or **S** for its north–south hemisphere and **E** or **W** for its east–west hemisphere. Coordinates are rounded to the nearest degree.

Capital city	Coordinates	N or S?	E or W?
Abuja	9°N, 7°E		
Cairo	30°N, 31°E		
London	51°N, 0°		
Tokyo	36°N, 140°E		
Brasília	16°S, 48°W		
Canberra	35°S, 149°E		
Nairobi	1°S, 37°E		
Ottawa	45°N, 76°W		

Bonus: mark each city with a dot on the grid in Part B and write its name next to it.

Part D – Think it through

1. Which capital in Part C is furthest north?

2. Which capital is closest to the Equator?

3. Which capital is in both the Southern and the Western Hemispheres?

4. Explain why London's longitude is 0°.

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