



## LATITUDE AND LONGITUDE

NAME: \_\_\_\_\_

Using your atlas, phone, or Google Earth, find the latitude and longitudes of each of the following cities.

CITY	COUNTRY/STATE	LONGITUDE	LATITUDE
New York	New York		
Philadelphia	Pennsylvania		
Chicago	Illinois		
Kansas City	Kansas		
Austin	Texas		
Los Angeles	California		
Paris	France		
Tokyo	Japan		
Rio de Janeiro	Brazil		
Anchorage	Alaska		
Bombay	India		
Lagos	Nigeria		

### QUESTIONS:

1. Which of the cities is farthest north?
2. Which of the cities is farthest south?
3. Which of the cities is farthest east?
4. Which of the cities is farthest west?
5. How many miles are there in each degree of latitude?
6. What distance is represented by one minute of latitude (60 minutes for each degree)?
7. What distance is represented by one second of latitude (60 seconds for each minute)?
8. By using your answer to question 5, determine the circumference of the earth.