

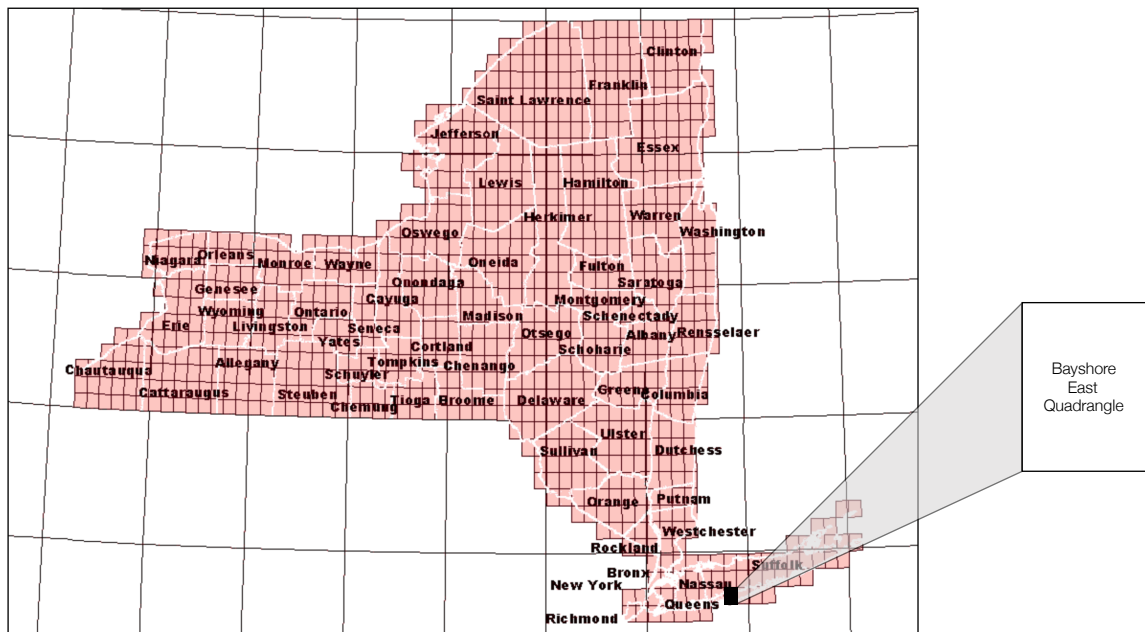
Name: _____

Date: _____ Period: _____

Quadrangle Maps

CLASS NOTES

- Quadrangle - _____
 - Published at various scales depending on the size of the area mapped
 - The best known USGS maps are of the _____
- Standard Quadrangle Map
 - 7.5 x 7.5 minutes
 - Covers an area of _____ to _____ square miles
 - Map scales are 1:24,000 [1 inch on the map equals 24,000 inches on the ground]
 - Paper size [approx.] 22" x 27"
 - Contours and elevations are shown in _____
- 1° x 2° Quadrangle Map
 - Covers an area of _____ to _____ square miles
 - Map scales are 1:250,000 [1 inch on the map equals 250,000 inches on the ground]
- The USGS completed mapping of the entire country at a 1:24,000 scale in the late 1980's



Quadrangle Maps

PART I QUESTIONS: MULTIPLE CHOICE

1. What is the scale on a standard 7.5-minute series quadrangle map?
 - a. 1:24,000
 - b. 1:240,000
 - c. 1:250,000
 - d. none of the above
2. What units are contour lines expressed in on quadrangle maps?
 - a. inches
 - b. feet
 - c. meters
 - d. kilometers
3. How many degrees of latitude does a 7.5-minute series quadrangle cover?
 - a. 7.5°
 - b. $0^\circ 45'$
 - c. $0^\circ 15'$
 - d. $0^\circ 7.5'$
4. What is the distance covered on the ground if it measures 5 inches on the quadrangle map?
 - a. 4,800 inches
 - b. 4,800 miles
 - c. 120,000 inches
 - d. 120,000 miles
5. What is the distance covered on the ground if it measures 10 inches on the quadrangle map?
 - a. 24,000 inches
 - b. 24,000 miles
 - c. 240,000 inches
 - d. 240,000 miles
6. What types of information *cannot* be found on a 7.5-minute series quadrangle?
 - a. cultural features
 - b. natural features
 - c. scaled distances
 - d. lunar cycles
7. Who mapped and created the 7.5-minute series quadrangle maps?
 - a. United States Geological Survey
 - b. Department of Interior
 - c. United States Surveyors Association
 - d. Department of Parks and Recreations