

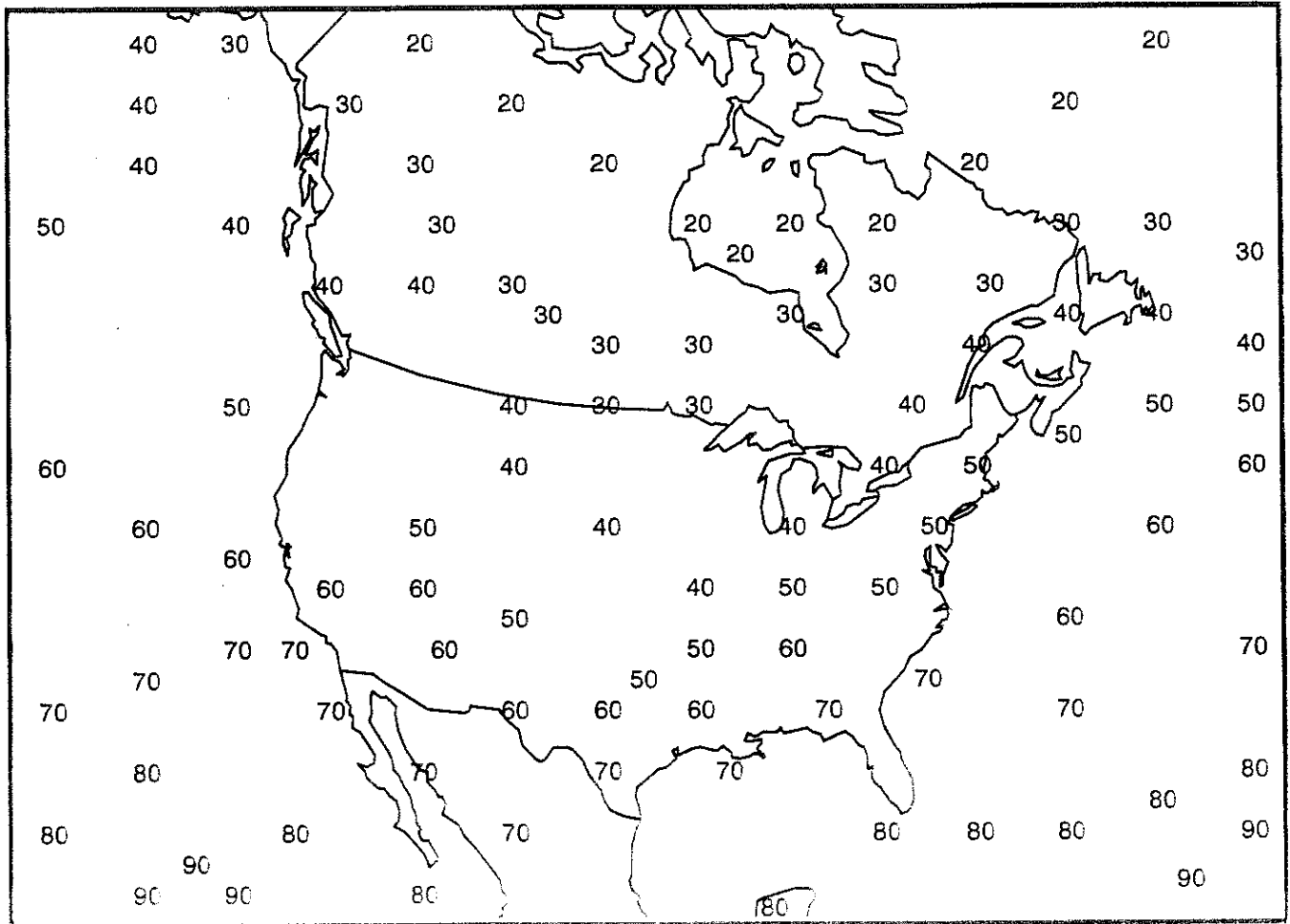
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Note: These temperatures are shown in Fahrenheit degrees.

Temperature Bands

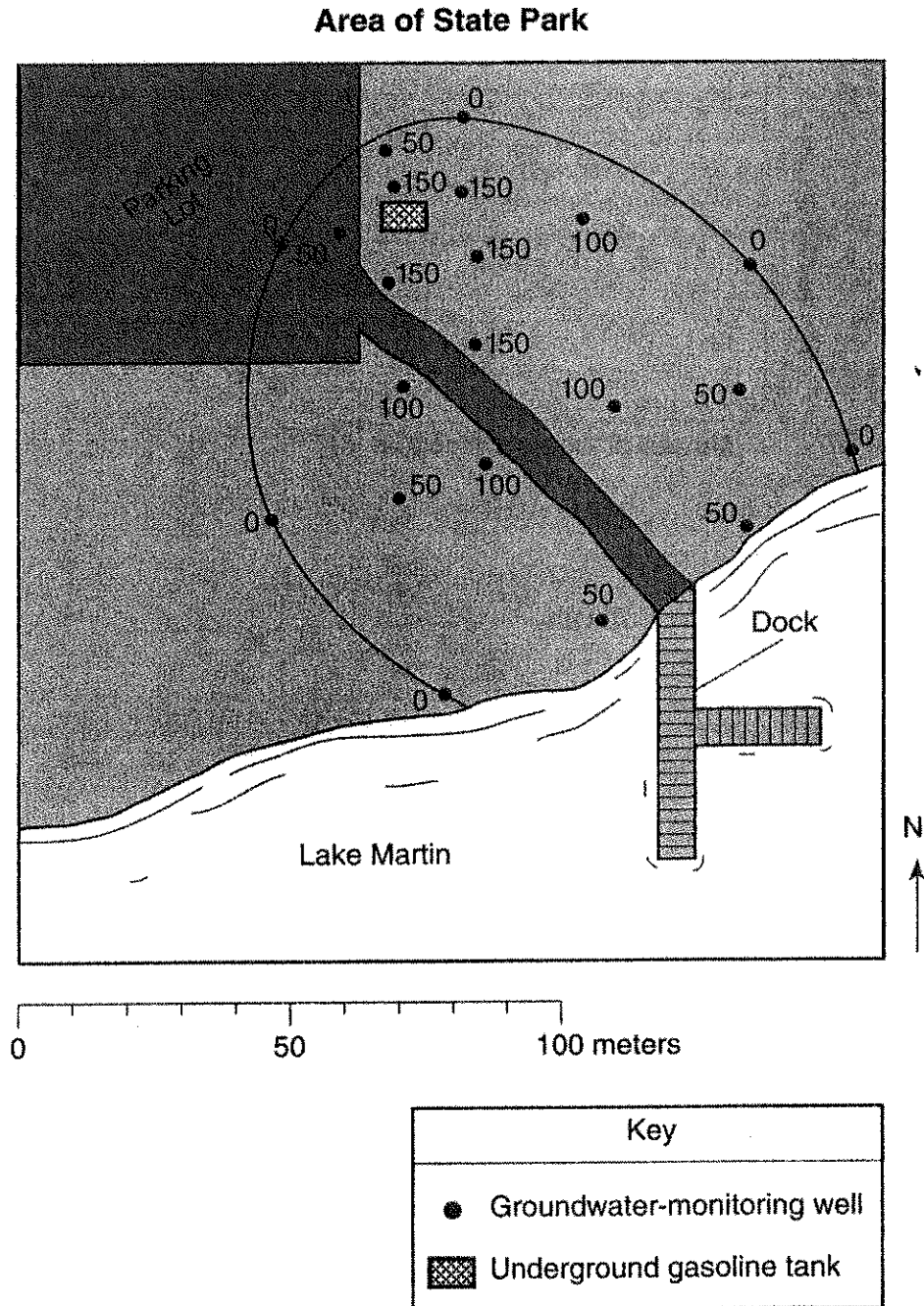
Weather maps use colored bands to show the range of temperatures across the country. To make the temperature bands on your weather maps, all you have to do is draw lines that connect places with the *same* temperatures, and then color the bands between those lines.

- 20° - 30° purple
- 30° - 40° dark blue
- 40° - 50° light blue
- 50° - 60° light green
- 60° - 70° yellow
- 70° - 80° orange
- 80° - 90° red



Lines that connect places with the same temperatures are called isotherms. *Iso* means "same."

12. Base your answer to the following question on the field map below, which shows an area of a state park where an underground gasoline tank leaked and contaminated the groundwater. Groundwater-monitoring wells were installed to determine the extent of the contamination. The concentration of contaminants in parts per million (ppm) in each of the wells is indicated on the map.

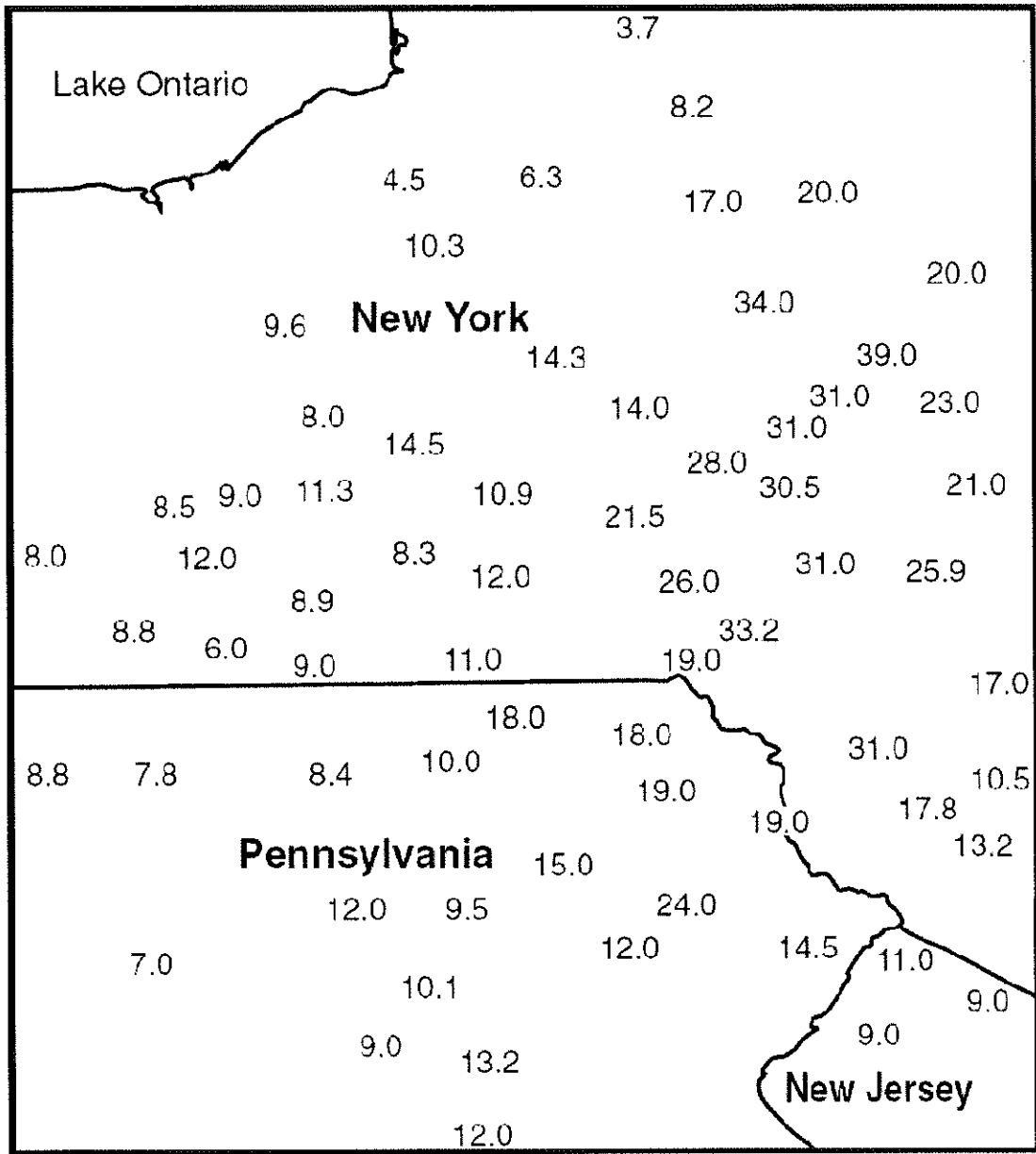


On the field map above, draw the 50-ppm, 100-ppm, and 150-ppm isolines. The 0-ppm isoline has been drawn for you.

NAME: _____ DATE: _____ PER: _____

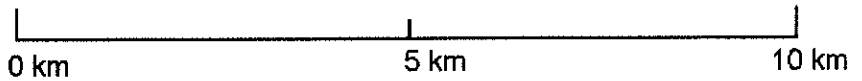
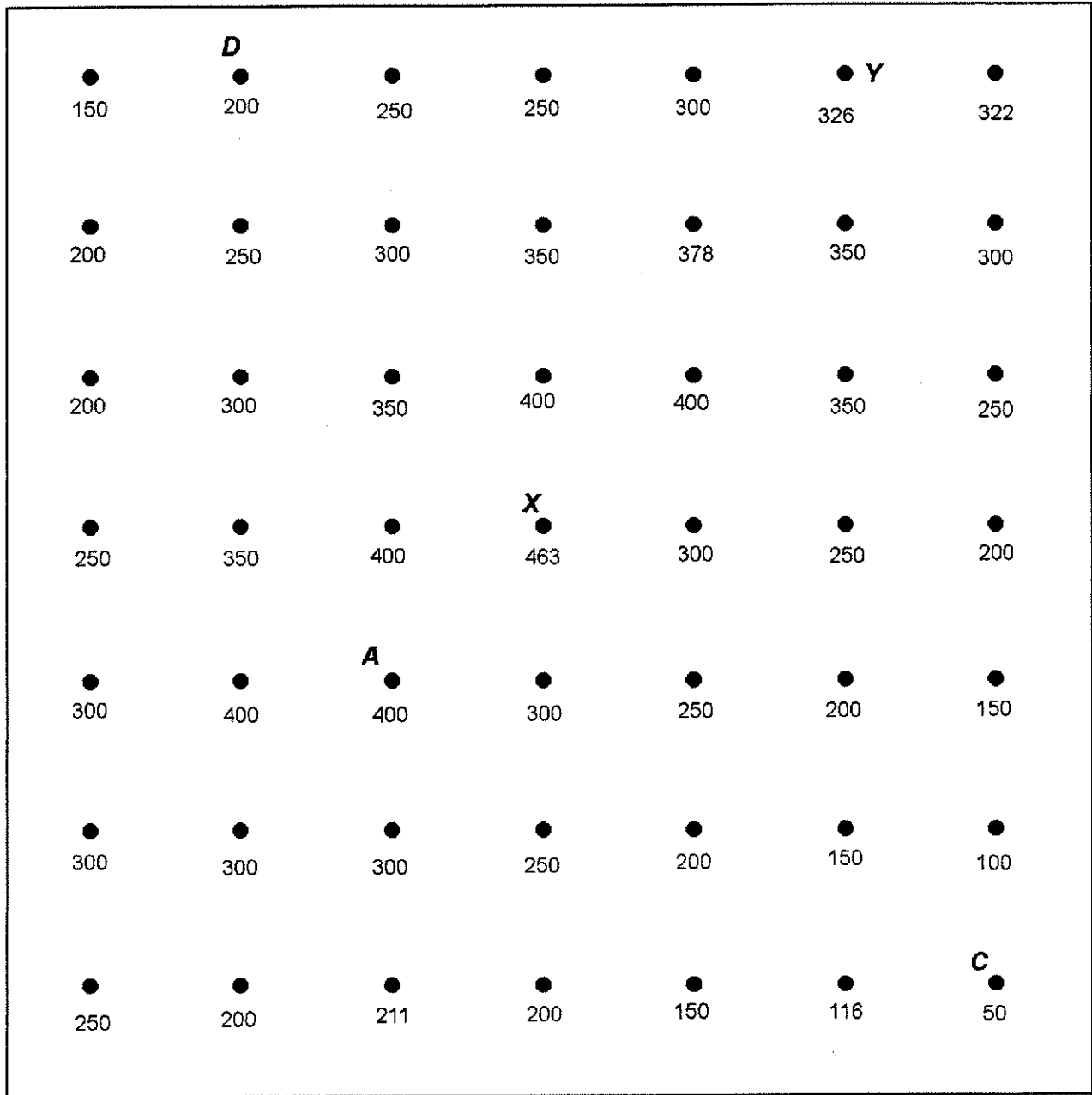
Directions: Draw in snowfall isolines for values from 5 to 30 by 5 inches.

Map 1
December Snowfall Amounts (inches)



Contour Lines Practice #2

Draw in contour lines at the following elevations (all numbers are given in feet above sea level):
450, 400, 350, 300, 250, 200, 150, 100, 50



Calculate the gradient from point X to point Y

Calculate the gradient from point X to point C