

Skills Worksheet

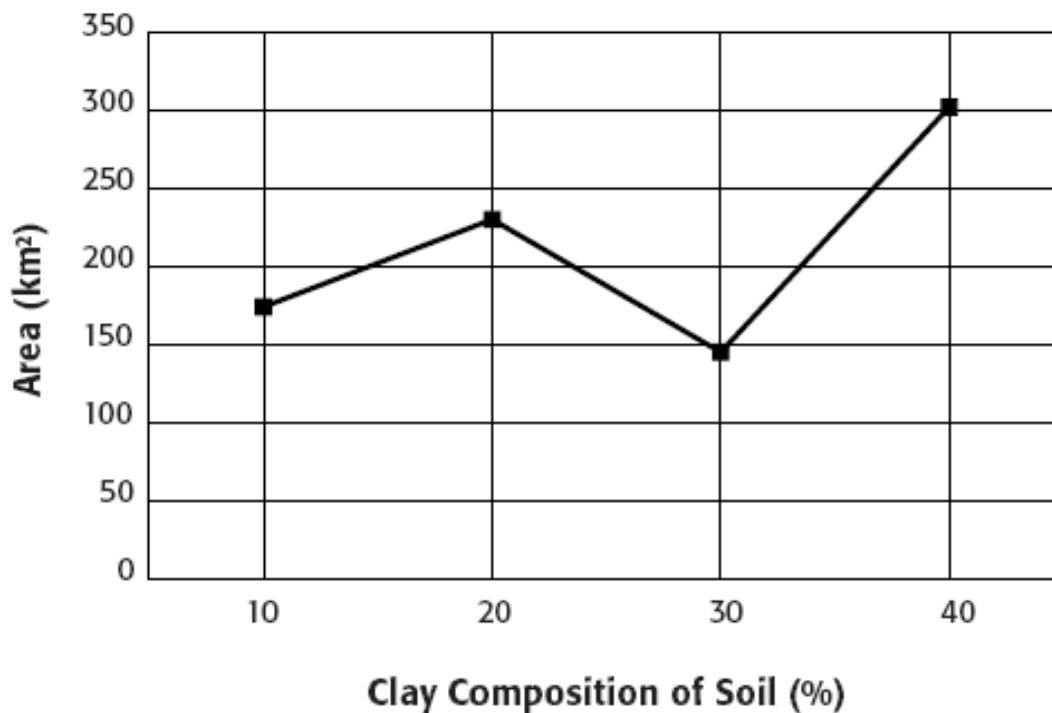
Graphing Skills

LINE GRAPHS AND SOIL SURVEYS

Soil surveys include text, maps, and tables. The tables in a soil survey show the types of soils and the area of those types of soils in the region being surveyed. For example, you might find the following table in a soil survey. (This is not actual data.)

Clay Composition of Soil (%)	Area (km ²)
10	174
20	230
30	145
40	302

Another way to show this data, the percentages of clay in the soil and the area of soil for each percentage, is to plot it on a line graph. To make a line graph using this data, plot the percent of clay composition on the *x*-axis and the area of soil on the *y*-axis. The line graph that follows show this data.



PRACTICE

Use the line graph above to answer the following questions.

1. Soil with what percent of clay represents the largest area on the line graph?

2. Soil with what percent of clay represents the smallest area on the line graph?
