

Mapping Fractions 2

Decide a Scale and Draw the Situation Before You Solve

- 1) You are traveling 124 miles from your uncle's house back to your home. You decide to stop one-fourth of the way to get gas. How far are you from home? (Answer in a fraction and in miles).

- 2) You and your family have won a trip to Magic Mountain! From Orinda it is approximately 374 miles one way. If you stop halfway, how far will you have traveled?
If the scale on your California map is 1 inch = 15 miles, how many inches on the map is it between Orinda and Magic Mountain?

- 3) My friend's house is 3 kilometers east from her work, and 7 kilometers west from my house. Show the relative locations of these places.
If the scale on the local map is 3 cm = 1 km, how cm apart would these be on the map?

- 4) Draw a town, real or imaginary, and place four different locations on its map. Decide a scale and show the distances between each.