

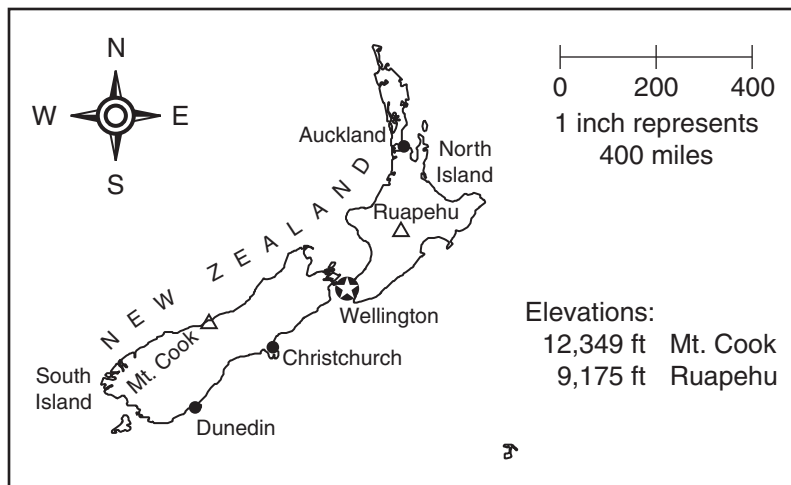
STUDY LINK
2·1

Estimation



Class Medians for: Step Length _____ Steps in 1 Minute _____

A group of fifth-grade students in New Zealand are going camping. They will hike from Wellington to Ruapehu. Then they will follow a trail for another $\frac{1}{2}$ mile to their campsite. Use the map on this page (Scale: 1 inch = 400 miles) as well as your class median step length, and number of steps in 1 minute, to make the following estimates. (*Reminder: 1 mile = 5,280 feet*)



- About how many miles is it from Wellington to Ruapehu? _____ (unit)
- About how many miles is it from Wellington to the campsite? _____ (unit)
- About how long would it take the students to arrive at their campsite, if they don't make any stops? _____ (unit)
- Each day, the students will hike for 12 hours and take 12 hours for stops to eat, rest, and sleep. If they leave at 7:00 A.M. on a Monday morning, at about what time, and on what day would you expect them to arrive at their campsite?

Time: About _____ Day: _____

Try This

- Suppose the students take a bus from Wellington to Mt. Cook and then hike to a campsite at the top of the mountain. Would they have to hike more or less than the distance they hiked to their campsite at Ruapehu?

Practice

- $48 * 15 =$ _____
- $24,029 + 26,840 + 39,492 =$ _____
- $36 / 3 =$ _____
- $35 - 17 =$ _____