

Problem-Solving Strategy:

Draw a Diagram

Use the questions to help you solve.

1. A climbing team sets up camp $\frac{1}{3}$ of the way to the top of a mountain. The height of the mountain from base to summit is 5,928 feet. The base of the mountain is 53 feet below sea level. How far above sea level is the camp?

UNDERSTAND

What information is given in the problem?

What information is asked for?

PLAN

How will a diagram help you solve this problem?

SOLVE

What labels will you put on your diagram?

LOOK BACK

Does your solution make sense?

2. Another climbing team establishes camp at 2,964 feet. From there, the team travels $\frac{2}{3}$ of the distance to the peak and plants a flag. How far is the flag from the top of the mountain?
