

Choosing units of measurement and an appropriate method to gather...

Choosing units of measurement and an appropriate method to gather data

Problem

Explanation

Show Another

Choosing an appropriate method for gathering data: Problem type 1

QUESTION

Goran wants to find the average height of students in the 10th grade at Washington High School. So he will use the heights of 44 students in the 10th grade to find the average height.

Answer the questions below.

- (a) Which unit(s) could be used for the unit of measurement? Check all that apply.
- ☒ feet ☐ pounds ☐ ounces ☒ centimeters ☐ kilograms
- (b) Which of the procedures below would be the best way to find the average height?
- ☐ Measure the heights of 44 volunteers from the 10th grade.
- ☐ Ask for 44 volunteers from the 10th grade to state their own heights.
- ☐ Randomly pick 44 students from the 10th grade and have them state their own heights.
- ☒ Randomly pick 44 students from the 10th grade and measure their heights.