ALGEBRA 2 · CLASSWORK

Understand Statistical Variables

SCORE / 25

01 Part A · Practice

A categorical variable places individuals into groups; a quantitative variable is a count or measurement you can average.

EXAMPLE

Classify "favorite sport" and "time to run a mile."

1. Favorite sport puts people into groups: categorical.
2. Time is a measured number: quantitative (continuous).

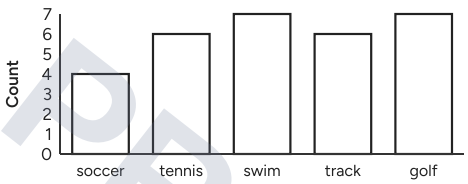
1 ●○○ What type of variable do these data show?

cat, cat, dog, dog, dog, fish, bird, none

2 ●○○ A survey of 828 members of the Eagles fan club asks for each person's length of a phone call. What type of variable is recorded?

3 ●○○ Data on customers at a store in Denver: "distance walked in a day". Is this variable categorical or quantitative?

4 ●○○ Does this display show a categorical or a quantitative variable? How do you know?



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Preview - the full worksheet and its answer key are at primeworksheet.com