

Representing a Quantitative Variable with Graphs Quiz

1. Which of the following describes a continuous variable?
 - (A) The number of items sold at a craft booth for one day
 - (B) The number of apps downloaded from a website one day
 - (C) The diameters of the tree trunks at an evergreen farm
 - (D) The number of baskets made by a basketball player
 - (E) The shoe sizes of all shoes on sale at a department store
2. Data will be collected on the following variables. Which variable can be considered discrete?
 - (A) The height of a person
 - (B) The weight of a person
 - (C) The length of a person's arm span
 - (D) The time it takes for a person to solve a puzzle
 - (E) The number of books a person finished reading last month
3. The following list shows the number of video games sold at a game store each day for one week.

15, 43, 50, 39, 22, 16, 20

Which of the following is the best classification of the data in the list?

- (A) Categorical and continuous
- (B) Quantitative and continuous
- (C) Categorical and discrete
- (D) Quantitative and discrete
- (E) Neither categorical nor quantitative, and neither discrete nor continuous