

Quiz Chapter 1

Your answers: shade in the cell that best completes the statement or answers the question

	1	2	3	4	5
a					
b					
c					
d					
e					

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Americans Rank Occupations by Level Ethical Standards.

A recent Gallup Poll asked 4045 randomly chosen American adults to rate the ethical standards of 45 occupations.

Nurses were at the top, with 73% of the poll respondents rating them very high.

1. The *population* for this study is
 - a. all people.
 - b. ☒ all American adults.
 - c. all nurses.
 - d. 4045 American adults.

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2. In a(n) _____, all subjects of the population are studied.

- a. census
- b. experiment
- c. observational study
- d. sample survey

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3. A 2016 national sample survey interviewed 1012 people aged 18 and older, nationwide, by telephone.

One question asked was, "We'd like you to imagine a ladder with steps numbered from zero at the bottom to ten at the top.

Suppose the top of the ladder represents the best possible situation for our country and the bottom represents the worst possible situation.

Please tell me the number of the step on which you think the United States stands at the present time." The population for this sample survey appears to be

- a. the 1012 people who were interviewed.
- b. all registered voters.
- c. all adult residents of the United States.
- d. people who think the United States is at the best possible situation.
- e. all U.S. citizens.

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4. A Pew Research Council Poll recently showed that 23 percent of Americans are religiously unaffiliated.

The poll contacted 35,071 adults by telephone. The margin of sampling error was plus or minus 0.6 (six-tenths) of a percentage point.

Assume a 95 percent confidence level and no bias. The population for this sample survey is

- a. all adult residents of the United States.
- b. the 35,071 people who answered the question.
- c. all households in the United States.
- d. the 23 percent who said that they were religiously unaffiliated.

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You want to know the opinions of American school teachers about establishing a national test for high school graduation.

You obtain a list of the members of the National Education Association (the largest teachers union) and mail a questionnaire to 2500 teachers chosen at random from this list.

In all, 1347 teachers return the questionnaire.

5. In this situation, the *population* is
- a. the 1347 teachers who mail back the questionnaire.
 - b. the 2500 teachers to whom you mailed the questionnaire.
 - c. all members of the National Education Association.
 - ☒ d. all American school teachers.
 - e. all American school students.

Name: _____ Class: _____ Date: _____

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Name: _____ Class: _____ Date: _____

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Answer Key

1. b

2. a

3. c

4. a

5. d