



Name _____



Identify populations, samples, and variables

1

Sample: 250 starting players

A

All professional soccer players in a league

B

Regular starting players in the league

2

Population: All books in a public library system
Sample: 800 books randomly selected from all library branches

A

No, it is not representative of the population

B

Yes, it is representative of the population

3

Population: All Canadian adults

A

2,000 adults who subscribe to a national news website

B

2,000 adults randomly selected from households across Canada

4

Quantitative

A

Temperature at noon tomorrow

B

Mode of transportation used to travel to work

C

Province in which a Canadian resident lives

5

Province in which a Canadian resident lives

A

Quantitative

B

Qualitative

6

Sample: 250 restaurants randomly selected from the city's business registry

A

All restaurants in a city

B

Restaurants providing delivery service

7

Population: All trees in a provincial park
Sample: 300 trees randomly selected throughout the park

A

Yes, it is representative of the population

B

No, it is not representative of the population

8

Population: All Grade 12 students in Ontario

A

500 Grade 12 students attending a provincial university fair

B

500 Grade 12 students randomly selected from schools in every region of Ontario



Name _____



Identify populations, samples, and variables

9

Qualitative

A

Number of books borrowed from a library

B

Brand of smartphone owned

C

Daily rainfall in a city

10

Height of a randomly selected student

A

Quantitative

B

Qualitative

11

Sample: 2,000 shoppers randomly selected from households across Canada

A

All Canadian grocery shoppers

B

Customers who prefer self-checkout

12

Population: All restaurants in a city Sample: 250 restaurants that offer food delivery

A

No, it is not representative of the population

B

Yes, it is representative of the population