#1

Choose the best answer

Caden asked his school's basketball team to rate the school cafeteria. Is this a biased sample of the school's population?

○ Yes   ○ No   Show your work

#2

Choose the best answer

Marine biologists measure wildlife activity in hundreds of randomly chosen sections in the Pacific Ocean. Can they say their information is representative of the entire Pacific Ocean?

○ No   ○ Yes   Show your work

#3

Choose the best answer

A teacher randomly assigns a number to each student, and chooses every tenth number to do a quiz. Is this a random sample?

○ No   ○ Yes   Show your work

#4

Choose the best answer

The government polls the largest city in the country about an important issue. Is this sample representative of the population of the county?

○   Yes   ○   No

Show your work

#5

Choose the best answer

A mall surveys everyone who goes into a video game store. Is this sample representative of people at the mall?

○   Yes   ○   No

Show your work

#6

Choose the best answer

If there are 46 ponds around a lake, and biologists study 15 of them randomly to check the health of water around the lake. Is that a biased sample?

○   Yes   ○   No

Show your work

#7

Choose the best answer

Jack asked all the hockey players if they liked the new arena. Half of the people that use the arena are hockey players. Is this a biased sample.

○ Yes   ○ No   Show your work

#8

Choose the best answer

Anthony asked the students and staff at her school to rate the cafeteria. Is this a biased sample of the school's population?

○ Yes   ○ No   Show your work

#9

Choose the best answer

Tyler has 69 marbles in a bag and he grabs out 50 with his eyes closed. Is this an example of a random sample?

○ Yes   ○ No   Show your work

#10

Choose the best answer

A teacher randomly assigns a number to each student, and chooses every tenth number to do a quiz. Is this a random sample?

○   Yes   ○   No   Show your work

#11

Choose the best answer

Mackenzie wrote the names of 61 friends on equal sized pieces of paper, put the pieces in a bowl, and shook the bowl for 30 seconds. Then, without looking, she reached in and grabbed 31. Is this a random sample?

○   Yes   ○   No   Show your work

#12

Choose the best answer

Biologists study one bear and find that it eats at a certain location. Is this sample representative of the entire bear population?

○   Yes   ○   No   Show your work

Question	Answer
#1	choice 1
#2	choice 2
#3	choice 2
#4	choice 2
#5	choice 2
#6	choice 2
#7	choice 1
#8	choice 2
#9	choice 1
#10	choice 1
#11	choice 1
#12	choice 2

CC.7.120