



#1

Choose the best answer

In order to test the town's water, Mackenzie collects a water sample from her hose. Is this sample going to be biased?

No

Yes

Show your work

#2

Choose the best answer

The government runs a phone survey. Is this sample biased?

Yes

No

Show your work

#3

Choose the best answer

Brianna asks all the children in the neighborhood if they enjoy going to the park. Is this sample biased of the neighborhood's children's view of the park?

No

Yes

Show your work



#4

Choose the best answer

While working on the furnace in her house, Ava checked the temperature of every room. Was her sample biased?

No

Yes

Show your work

#5

Choose the best answer

While working on the furnace in his house, Logan checked the temperature of every room. Was his sample biased?

Yes

No

Show your work

#6

Choose the best answer

In order to test the town's water, Emily collects a water sample from her hose. Is this sample going to be biased?

No

Yes

Show your work



#7

Choose the best answer

Principal Christopher used all the student records at his school to determine the average distance his students lived from the school. Is this a biased sample of the students?

No

Yes

Show your work

#8

Choose the best answer

The mayor of a small town wants to know how well she is liked. Mayor Elizabeth surveys her own neighborhood to see who likes her. Is the sample going to be biased?

Yes

No

Show your work

#9

Choose the best answer

Jack puts a poll up on the internet. Is this sample going to be biased?

Yes

No

Show your work



#10

Choose the best answer

The school cafeteria puts out a poll to the entire school to see what they should serve for lunch. Is this sample going to be biased?

No

Yes

Show your work

#11

Choose the best answer

Principal Austin used all the student records at his school to determine the average distance his students lived from the school. Is this a biased sample of the students?

Yes

No

Show your work

#12

Choose the best answer

If there are 28 ponds around a lake, and biologists study 2 of them randomly to check the health of water around the lake. Is that a biased sample?

No

Yes

Show your work

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