



#1

Choose the best answer

If there are 19 ponds around a lake, and biologists study 3 of them randomly to check the health of water around the lake. Is that a biased sample?

Yes

No

Show your work

#2

Choose the best answer

The government gave the census to every resident of Canada. Is this sample biased?

No

Yes

Show your work

#3

Choose the best answer

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

No

Yes

Show your work



#4

Choose the best answer

A computer programming blog has a poll about the user friendliness of a program. Is this sample going to be biased?

No  Yes

Show your work

#5

Choose the best answer

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

Yes  No

Show your work

#6

Choose the best answer

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

No  Yes

Show your work



#7

Choose the best answer

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

Yes  No

Show your work

#8

Choose the best answer

The government gave the census to every resident of Canada. Is this sample biased?

No  Yes

Show your work

#9

Choose the best answer

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

No  Yes

Show your work



#10

Choose the best answer

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

No

Yes

Show your work

#11

Choose the best answer

If there are 74 ponds around a lake, and biologists study 66 of them randomly to check the health of water around the lake. Is that a biased sample?

Yes

No

Show your work

#12

Choose the best answer

Ava 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

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