



#1

Choose the best answer

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

Yes

No

Show your work

#2

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

#3

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



#4

Choose the best answer

Madison asked 7 members of every sports team on their thoughts about the gym. Is this a biased sample of what the sports teams think of the gym?

No

Yes

Show your work

#5

Choose the best answer

The city sends surveyors out to knock on doors in every neighborhood and ask opinions about building a new arena. Is the sample going to be biased?

Yes

No

Show your work

#6

Choose the best answer

While working at a pita place, Addison asks every customer if they are satisfied with the service. Is this a biased sample?

Yes

No

Show your work



#7

Choose the best answer

While working at a pita place, Caleb asks every customer if they are satisfied with the service. Is this a biased sample?

No

Yes

Show your work

#8

Choose the best answer

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

Yes

No

Show your work

#9

Choose the best answer

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

No

Yes

Show your work



#10

Choose the best answer

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

Yes

No

Show your work

#11

Choose the best answer

Madison 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

#12

Choose the best answer

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

Yes

No

Show your work

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