

#1

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

#2

Choose the best answer

Brayden hands out a single card from a full deck to each student until all the cards are given out, and then selects the students who have hearts. Is this an example of a random sample?

- Yes
 No

Show your work

#3

Choose the best answer

Grace chose 5 students at random from every class in her grade to rate the material being taught. Is this sample likely to be representative of all the students in her grade?

- No
 Yes

Show your work

#4

Choose the best answer

If there are 55 ponds around a lake, and biologists study 48 of them randomly to check the health of water around the lake. Is that a biased sample?

- No Yes

Show your work

#5

Choose the best answer

Jack surveys all the kids in the art program about the schools sport spirit. Is this sample representative of the school?

- Yes No

Show your work

#6

Choose the best answer

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

- No Yes

Show your work

#7

Choose the best answer

Brayden interviewed the 12 girls in his class. Is this a random sample of Brayden's class?

No

Yes

Show your work

#8

Choose the best answer

Brayden collects some statistics from all the kids in grade 1 on much they like the school. Is this a random sample of students in the school?

No

Yes

Show your work

#9

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

#10

Choose the best answer

Jackson 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

#11

Choose the best answer

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

- No
 Yes

Show your work

#12

Choose the best answer

Kayla interviewed the 12 girls in her class. Is this a random sample of Kayla's class?

- No
 Yes

Show your work

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