

#1

Choose the best answer

You go to every second house on your block to see how people feel about the construction of a new park. Are your results representative of the entire neighborhood?

- No  Yes

Show your work

#2

Choose the best answer

Jacob put equal sized marbles into a bowl. Then, he shook the bowl until 25 marbles fell out. Is this a random sample of the marbles?

- Yes  No

Show your work

#3

Choose the best answer

William interviews all the girls wearing dresses at an event to see what people think of the event. Is this sample biased?

- Yes  No

Show your work

#4

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?

- No  Yes

Show your work

#5

Choose the best answer

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

- Yes  No

Show your work

#6

Choose the best answer

The city randomly selects 20 homes from each neighborhood to do a survey. Will the results be representative of the cities neighborhoods?

- No  Yes

Show your work

#7

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

#8

Choose the best answer

You ask people on the soccer team how many hours of sports they play a week. Is this a random sample of students at your school?

- No
  Yes

Show your work

#9

Choose the best answer

Kaitlyn has every third student in her grade fill out a survey. Will the results be representative of her grade?

- No
  Yes

Show your work

#10

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?

- Yes
  No

Show your work

#11

Choose the best answer

Mayor Christopher surveys all his employees on whether the city is being run well. Is this sample representative of those living in the city?

- No
  Yes

Show your work

#12

Choose the best answer

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

- Yes
  No

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 2
#8	choice 1
#9	choice 2
#10	choice 1
#11	choice 1
#12	choice 2