

#1

Choose the best answer

William interviewed every member of his family. Will the results be representative of his family?

- No
  Yes

Show your work

#2

Choose the best answer

Alexander 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?

- No
  Yes

Show your work

#3

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?

- Yes
  No

Show your work

#4

Choose the best answer

Benjamin uses a random number table generated by a computer to decide which houses to survey. Is this a random sample?

- Yes  No

Show your work

#5

Choose the best answer

Biologists check the health of the rainforest every year. They do this by measuring the health in several random locations throughout the forest. Are their results representative of the entire forest?

- No  Yes

Show your work

#6

Choose the best answer

Dylan uses a random number table generated by a computer to decide which houses to survey. Is this a random sample?

- Yes  No

Show your work

#7

Choose the best answer

If the city sends a survey out to 200 students chosen at random in every school. Will the results be representative of all schools in the city?

- Yes  No

Show your work

#8

Choose the best answer

Grace 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.

- No  Yes

Show your work

#9

Choose the best answer

The city surveys all the kids at the park whether they would like money put towards new equipment. Is this a representative sample of the cities's population?

- No  Yes

Show your work

#10

Choose the best answer

Christopher interviewed every member of his family. Will the results be representative of all families in the neighborhood?

- Yes
  No

Show your work

#11

Choose the best answer

Ethan uses a random number table generated by a computer to decide which houses to survey. Is this a random sample?

- No
  Yes

Show your work

#12

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?

- Yes
  No

Show your work

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