



#1

Choose the best answer

A researcher has 6 different exams, and for each participant they roll a dice and give them the corresponding test number. Will they get a random sample of tests?

Yes No

Show your work

#2

Choose the best answer

Grace 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

#3

Choose the best answer

Brianna wrote the names of 33 friends on equal sized pieces of paper, put the pieces in a bowl, and shook the bowl for 30 seconds. Then, without looking, she reached in and grabbed 11. Is this a random sample?

No Yes

Show your work



#4

Choose the best answer

Sophia asked the 10 most popular people if they get picked on in school. Is this a random sample of students?

No

Yes

Show your work

#5

Choose the best answer

Connor put equal sized marbles into a bowl. Then, he shook the bowl until 40 marbles fell out. Is this a random sample of the marbles?

No

Yes

Show your work

#6

Choose the best answer

A teacher randomly assigns a number to each student, and chooses every tenth number to do a quiz. Is this a random sample?

Yes

No

Show your work



#7

Choose the best answer

Alexander 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

#8

Choose the best answer

Gavin asked the 10 most popular people if they get picked on in school. Is this a random sample of students?

Yes

No

Show your work

#9

Choose the best answer

Austin 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



#10

Choose the best answer

Savannah has 74 coins in a bag and she grabs out 67 with her eyes closed. Is this an example of a random sample?

Yes

No

Show your work

#11

Choose the best answer

Natalie 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

#12

Choose the best answer

At the airport the computer system uses a number generator to flag individuals for extra screening. Will this be a random sample?

Yes

No

Show your work

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