



#1

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

#2

Choose the best answer

Benjamin has 38 balls in a bag and he grabs out 36 with his eyes closed. Is this an example of a random sample?

No

Yes

Show your work

#3

Choose the best answer

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

No

Yes

Show your work



#4

Choose the best answer

Sarah 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

#5

Choose the best answer

Ethan wrote the names of 13 friends on equal sized pieces of paper, put the pieces in a bowl, and shook the bowl for 30 seconds. Then, without looking, he reached in and grabbed 2. Is this a random sample?

No

Yes

Show your work

#6

Choose the best answer

Emma 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



#7

Choose the best answer

While at gymnastics Chloe asks her friends if they can do the splits. Is this a random sample of Chloe's friends?

No

Yes

Show your work

#8

Choose the best answer

At a bottle manufacturing plant they test every tenth bottle for quality. Is this a random sample?

Yes

No

Show your work

#9

Choose the best answer

Alyssa put equal sized marbles into a bowl. Then, she shook the bowl until 23 marbles fell out. Is this a random sample of the marbles?

No

Yes

Show your work



#10

Choose the best answer

Samantha put equal sized marbles into a bowl. Then, she shook the bowl until 66 marbles fell out. Is this a random sample of the marbles?

No

Yes

Show your work

#11

Choose the best answer

Avery asks all the boys in her art class if they like math. Is this a random sample of students in her grade?

No

Yes

Show your work

#12

Choose the best answer

Savannah put equal sized marbles into a bowl. Then, she shook the bowl until 26 marbles fell out. Is this a random sample of the marbles?

No

Yes

Show your work

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