

Possible Solution

Use a random number generator to select 10 numbers. There are random number generators available on line or with a graphing calculator.

Consider a population of students consisting of the 100 eighth graders at a Texas Middle School. Describe how a teacher might select a random sample of 10 students from a list of the students in this population to choose whose homework to grade. How do the characteristics of the random sample compare to the characteristics of the population?

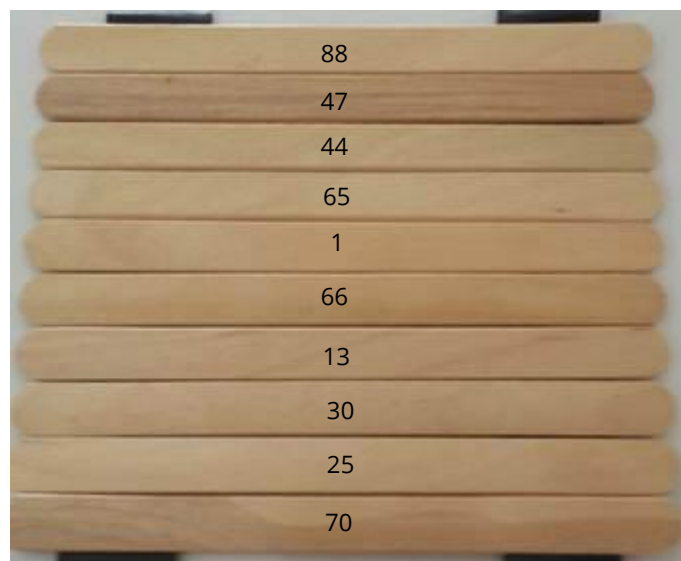
After running a number generator the following numbers were selected:

88	47	44	65	1
66	13	30	25	70

If each student has a preassigned number, these ten students' papers would be the ones graded.

Another Solution

The following numbered sticks were drawn from the bag.



88	47	44	65	1
66	13	30	25	70

If each student has a preassigned number, these ten students' homework papers would be the ones graded.