

Drawing a Simple Random Sample with Research Randomizer

www.randomizer.org

Math 260

Note: Because Randomizer.org generates random numbers, do not expect to get the same “random numbers” as shown in this guide.

Open the Research Randomizer Web Form

**RESEARCH
RANDOMIZER**

To generate random numbers, enter your choices below (using integer values only):

How many sets of numbers do you want to generate? [Help](#)

How many numbers per set? [Help](#)

Number range (e.g., 1-50): From:
To: [Help](#)

Do you wish each number in a set to remain unique? Yes [Help](#)

Do you wish to sort the numbers that are generated? No [Help](#)

How do you wish to view your random numbers? Place Markers Off [Help](#)

Randomize Now!

Using the Randomizer

This page shows how to complete the form for a simple random sample (SRS) of size 5 from a population of 25.

The screenshot shows the Research Randomizer website interface. At the top, there is a header with the text "RESEARCH RANDOMIZER" and a "Randomize" button. Below the header, there is a form with several input fields and checkboxes. The form is annotated with red circles and arrows pointing to specific fields, and yellow callout boxes provide additional information. The form fields are: "How many sets of numbers do you want to generate?" (input: 1), "How many numbers per set?" (input: 5), "Number range (e.g., 1-50):" (From: 1, To: 25), "Do you wish each number in a set to remain unique?" (checkbox: Yes), "Do you wish to sort the numbers that are generated?" (checkbox: No), and "How do you wish to view your random numbers?" (checkbox: Place Markers Off). A "Randomize Now!" button is located at the bottom of the form.

Can be changed if multiple samples are needed.

n

Usually, between 1 and the number of individuals in the population (N).

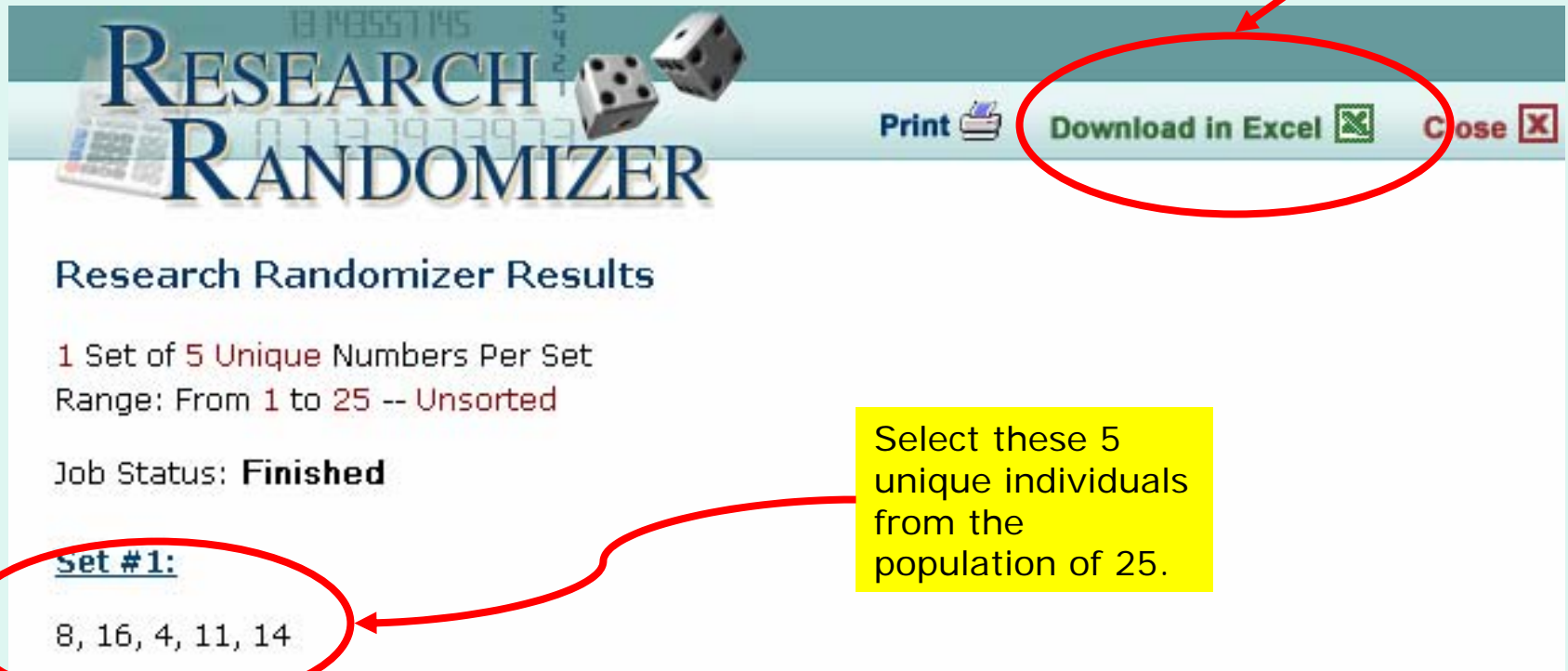
Yes for sampling without replacement.

Can set to "Yes" to display sampled elements in ascending order.




Click here to sample.

The Sample

Option to Download in Excel is useful in larger problems



The screenshot shows the 'RESEARCH RANDOMIZER' website. At the top, there are two dice and a calculator icon. Below the title, there are three buttons: 'Print' with a printer icon, 'Download in Excel' with a green checkmark icon, and 'Close' with a red 'X' icon. The 'Download in Excel' button is circled in red. Below the buttons, the text reads 'Research Randomizer Results', '1 Set of 5 Unique Numbers Per Set', 'Range: From 1 to 25 -- Unsorted', and 'Job Status: Finished'. Under 'Set #1:', the numbers '8, 16, 4, 11, 14' are listed and circled in red. A yellow callout box points to the 'Download in Excel' button, and another yellow callout box points to the numbers '8, 16, 4, 11, 14'.

Print  Download in Excel  Close 

Research Randomizer Results

1 Set of 5 Unique Numbers Per Set
Range: From 1 to 25 -- Unsorted

Job Status: **Finished**

Set #1:
8, 16, 4, 11, 14

Select these 5 unique individuals from the population of 25.