

**Example:**

use the random number table from Appendix(A1) to get a list of 7 random numbers from 1 to 3 125.

writing down digits from row 3, column 2 (from the Table 1 n Appendix):

71966 27386 50004 05358 94031 29281 18544 52429 06080 31524 ...

or

7 1 9 6 6 2 7 3 8 6 5 0 0 0 4 0 5 3 5 8 9 4 0 3 1 2 9 2 8 1 1 8 5 4 4 5 2 4 2 9 0 6 0 8 0 3  
1 5 2 4 ...

re-group digits in groups of *four*:

7196 6273 8650 0040 5358 9403 1292 8118 5445 2429 0608 0315 24 ...

cross out numbers that are greater than or equal to 3 125, and repeating numbers....

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use the random number table from Appendix(A1) to get a list of 7 random numbers from 1 to 3 125.

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cross out numbers that are greater than or equal to 3 125, and repeating numbers....

Not enough digits were taken from the table – add some more.

**Example:**

use the random number table from Appendix(A1) to get a list of 7 random numbers from 1 to 3 125.

writing down digits from row 3, column 2 (from the Table 1 n Appendix):

71966 27386 50004 05358 94031 29281 18544 52429 06080 31524 49587 76612  
39789 13537 48086 59483

or

7 1 9 6 6 2 7 3 8 6 5 0 0 0 4 0 5 3 5 8 9 4 0 3 1 2 9 2 8 1 1 8 5 4 4 5 2 4 2 9 0 6 0 8 0 3  
1 5 2 4 4 9 5 8 7 7 6 6 1 2 3 9 7 8 9 1 3 5 3 7 4 8 0 8 6 5 9 4 8 3

re-group digits in groups of *four*:

~~7196~~ ~~6273~~ ~~8650~~ ~~0040~~ ~~5358~~ ~~9403~~ 1292 8118 5445 2429 0608 0315 2449 5877 6612  
~~3978~~ ~~9135~~ ~~3748~~ ~~0865~~ ~~9483~~

cross out numbers that are greater than or equal to 3 125, and repeating numbers....

The numbers we got are:

40, 1 292, 2 429, 608, 315, 2 449, 865

**Example: p. 17/4**

**Simulation: Coin Toss**

Use a random-number table to simulate the outcomes of tossing a quarter 25 times. Assume that the quarter is balanced (i.e., fair)

If we toss a coin the outcomes are either Head (H) or Tail (T).  
Random-number table has numbers.  
How to connect H, and T with numbers?

Let's assign **even** numbers to **H**, and **odd** numbers to **T**

Let's go to the Table 1 (from the Appendix).

Digits from row 6, column 4:

48396 73780 06436 86641 69239 57662 ...

or

4 8 3 9 6 7 3 7 8 0 0 6 4 3 6 8 6 6 4 1 6 9 2 3 9 5 7 6 6 2 ...

We need one-digit numbers:

4 8 3 9 6 7 3 7 8 ~~0~~ ~~0~~ 6 4 3 6 8 6 6 4 1 6 9 2 3 9 5 7 6 6 2

The sequence of 25 one-digit numbers:

4 8 3 9 6 7 3 7 8 6 4 3 6 8 6 6 4 1 6 9 2 3 9 5 7  
H H T T H T T T H H H T H T H T T T

Answer: the outcomes of 25 tosses are: H,H,T,T,H,T,T,T,H,H,H,T,H,H,H,H,H,T,H,T,H,T,T,T,T