

# Tut. 10c Variables

Step 1	Go to <a href="https://makecode.microbit.org/#editor">https://makecode.microbit.org/#editor</a>
Step 2	Go to the <b>Variables</b> menu
Step 3	Make two variables: <b>Num1</b> and <b>Num2</b>
Step 4	At the start of the program set the value of <b>Num1</b> to a random number between 1 and 5
Step 5	Set the value of <b>Num2</b> to a random number between 5 and 10
Step 6	Add the two numbers to each other when button A is pressed and display the result.
Step 7	Subtract <b>Num1</b> from <b>Num2</b> when button B is pressed and display the result.
Step 8	Pressing buttons A and B simultaneously must regenerate new random numbers.
Step 9	★ Save your program as "TUT10c-Numbers" and upload to your micro:bit

```
on start
  set Num1 to pick random 1 to 5
  set Num2 to pick random 5 to 10
```

```
on start
  set Num1 to pick random 1 to 5
  set Num2 to pick random 5 to 10

on button A pressed
  show number Num1 + Num2

on button B pressed
  show number Num2 - Num1

on button A+B pressed
  set Num1 to pick random 1 to 5
  set Num2 to pick random 5 to 10
```

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# Tutorial 10c

## Variables

