TUTORIAL 1

Perform the following operation using signed-magnitude addition subtraction algorithm. The sign bit has been marked in Red.

In each case indicate the value of AVF.

a.   **0 101101 + 0 011111**

b.   **1 011111 + 1 101101**

c.   **0 101101 – 0 011111**

d.   **0 101101 – 0 101101**

e.   **1 011111 – 0 101101**