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**