CSCI 2330 – x86-64 Operator Exercise

Using **inc**, **dec**, **add**, **sub**, **imul**, **mul**, **leaq**, … write a snippet of x86 code to compute the following equations. Assume that *%rdi* contains *x* and *%rsi* contains *y*. Your return value should be in *%rax.*

1. x + 10

2. 46 - x

3. x + y

4. 2x + y

5. y - 3x