

Quiz 1
CMPE 364
Spring 2017

Name:
Student ID:

1. What are the values stored in r0, r1, r6, and r7 after the following instructions have executed?

```
MOV r0, #0x00000020
MOV r1, #0x00000006
ADD r0, r0, r1
SUB r1, r0, #5
MVN r5, #0x00000000
MOV r6, #0x00000002
ADD r6, r5, r6
RSB r7, r5, #0x00000002
```

Solution:

R0 = 0x00000026

R1 = 0x00000021

R6 = 0x00000001

R7 = 0x00000003