

Thursday, October 17

Name _____

Email _____

6.035 Fall 2019

Miniquiz #21

5 minutes

1. Using Common Subexpression Elimination, rewrite the basic block:

```
x = a + b;  
y = x + c;  
z = a + b + c;
```

2. Name some optimizations you can perform on the below code, and rewrite accordingly.

```
x = 5;  
y = x + 3;  
z = b + 0*c + -y  
y = a*y;  
w = (y > c) && (x < 3)
```