

HW 9

Expressions

Name: _____ Time spent: _____ min

1) Evaluate each of the following expressions – given:

30pts

```
float a;      a = 1.1;
float b;      b = 5.0;
float c;      c = 4.8;
```

Decimal value

-c

a - b

c + b

c * a

10 * 1.1

a % 3

** be careful

2) Evaluate each of the following expressions – given:

30pts

```
int a;      a = 5;
int b;      b = 110;
int c;      c = 40;
```

Decimal value

$b +$

**

$a + b + c$

$a * b$

c / b

**

$20 \% a$

$a \% 20$

** be careful

3) Evaluate each of the following expressions – given:

40pts

```
int8_t a;  
int8_t b;  
int8_t c;
```

```
a = 5;  
b = 110;  
c = 40;
```

Decimal value

+b

a / b

c % b

c * a

a << 2

-a >> 4

** be careful