

HW 10

Expressions – cont'd

Name: _____ Time spent: _____ min

1) Evaluate each of the following expressions – given:

40 pts

`int8_t a;`

`a = 5;`

`int8_t b;`

`b = 110;`

`int8_t c;`

`c = 40;`

Decimal value

`b++`

`--a`

`c--`

`a---b`

2) Evaluate each of the following expressions – given:

30 pts

```
int8_t a;      a = 5;
int8_t b;      b = 4;
int8_t c;      c = 3;
uint8_t d;     d = 240;
uint8_t e;     e = 11;
uint8_t f;     f = 12;
```

Decimal value

$a*b/c - a\%b - c\%a/b$

$d - e\%f >> 3 \ll 3\%2$

3) Evaluate each of the following expressions – given:

30 pts

int a; a = 4; float c; c = 1.1; char e; e = 'b';
int b; b = 5; float d; d = 2.2; char f; f = 'C';

Decimal value

--a - b + e++

b+++a- - -e