

Problem	a	b	c
a = (c++) + (++b);	7	5	3
b = 3 + c + (a++);	8	13	3
c = 2 * a - (++c);	8	13	12
b = 2 * (++a) + (c++);	9	30	13

$$\mathbf{a = (c++) + (++b)}$$

$$++b = 4 + 1 = 5$$

$$a = 2 + 5 = 7$$

$$c++ = 2 + 1 = 3$$

$$\mathbf{b = 3 + c + (a++)}$$

$$b = 3 + 3 + 7 = 13$$

$$a++ = 7 + 1 = 8$$

$$\mathbf{c = 2 * a - (++c)}$$

$$++c = 3 + 1 = 4$$

$$c = 2 * 8 - 4 = 12$$

$$\mathbf{b = 2 * (++a) + (c++)}$$

$$++a = 8 + 1 = 9$$

$$b = 2 * 9 + 12 = 30$$

$$c++ = 12 + 1 = 13$$