

7.

$$-(10-4) < +6 \quad || \quad -(2*-4) > 0$$

$$-(+6) < +6 \quad || \quad -(-8) > 0$$

$$-6 < +6 \quad || \quad 8 > 0$$

TRUE || TRUE

loop 1:

TRUE.

For (var x = 0; x ≤ 17; x = x + 2

{ console.log(2 * x + 7);

}

$$x = 0 + 2 = x = 2$$

$$(2 * 2 + 7)$$

$$x = 2 + 2 = x = 4$$

$$(2 * 4 + 7)$$

$$x = 4 + 2 = 6$$

$$2 * 6 + 7$$

$$x = 6 + 2 = 8$$

$$2 * 8 + 7$$

loop ct.

~~input~~

input

output

1	0	7 7
2	2	11 11
3	4	15
4	6	19
5	8	23
6	10	27
7	12	31
8	14	35
9	16	39

$$x = 10 + 2$$

$$2 * 10 + 7 = 27$$

$$2 * 12 + 7 = 31$$

$$2 * 14 + 7$$

$$2 * 16 + 7$$