

```
for (var x = 0; x <= 17; x = x + 2) {
  console.log(2 * x + 7);
}
```

Loop Count	Value of x	Output
1	0	7
2	2	11
3	4	15
4	6	19
5	8	23
6	10	27
7	12	31
8	14	35
9	16	39

Show the math:

X=0 (starting value)

Loop 1: $2 * x + 7$

$2 * 0 + 7$

$0 + 7 = 7$

output = 7

loop 2: $x+2$; $2*x+7$

$2 * 2 + 7$

$4 + 7 = 11$

output = 11

Loop 3: $x+2$; $4*x+7$

$2 * 4 + 7$

$8 + 7 = 15$

output = 15

Loop 4: $x+2$; $6*x+7$

$2 * 6 + 7$

$12 + 7 = 19$

output = 19

Loop 5: $x+2$; $8*x+7$

$2 * 8 + 7$

$16 + 7 = 23$

output = 23

Loop 6: $x+2$; $10*x+7$

$2 * 10 + 7$

$20+7=27$
output = 27

Loop 7: $x+2$; $12*x+7$
 $2*12+7$
 $24+7=31$
output = 31

Loop 8: $x+2$; $14*x+7$
 $2*14+7$
 $28+7=35$
output = 35

Loop 9: $x+2$; $14*x+7$
 $2*12+7$
 $32+7=39$
output = 39