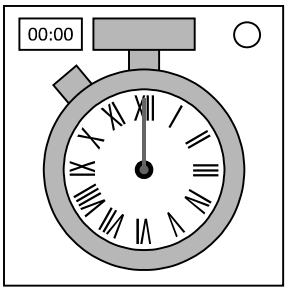
On the Subject of The Stopwatch



Patience is key!

2 digits

	0	1	2	3	4	5	6	7	8	9
0	4:20	2:38	2:44	1:56	1:06	4:00	4:20	2:38	2:44	1:56
1	2:38	2:38	3:24	1:06	3:14	2:38	3:24	1:06	3:14	2:38
2	2:44	3:24	1:56	4:00	2:38	1:56	4:00	2:38	1:56	4:00
3	1:56	1:06	4:00	4:20	3:24	4:00	1:13	1:06	2:01	1:56
4	1:06	3:14	2:38	3:24	1:06	2:38	1:06	2:38	1:06	2:38
5	4:00	2:38	1:56	4:00	2:38	1:56	2:01	1:06	1:13	4:00
6	4:20	3:24	4:00	1:13	1:06	2:01	1:56	2:38	4:00	1:56
7	2:38	1:06	2:38	1:06	2:38	1:06	2:38	1:06	3:24	2:38
8	2:44	3:14	1:56	2:01	1:06	1:13	4:00	3:24	4:20	4:00
9	1:56	2:38	4:00	1:56	2:38	4:00	1:56	2:38	4:00	1:56

3 digits

- **XY > ZY-X** ⇒ increase all by # batteries.
- **two evens** ⇒ ignore odd.
- **else, two odds** ⇒ ignore lowest.
- **else, if all even** ⇒ ignore X.
- **else** ⇒ Y += 2, then ignore lowest.

		1st	
		Even	Odd
2nd	Even	3:40	2:35
	Odd	4:12	1:27

4 digits

- X = a / (b || 1); Y = c / (d || 1)
- If not divisible, add instead.

		X % 4			
		0	1	2	3
Y % 4	0	4:20	1:06	2:44	2:32
	1	1:13	3:14	1:39	3:22
	2	1:56	2:38	4:00	3:15
	3	4:29	3:24	2:01	0:01