

Length 20bits, 10 success:

```
Enter length:
20
10101010101010101010
needle: 1 0 1 0 -1 -1 1 -1 1 -1 -1 0 -1 -1 1 0 -1 -1 0 counter: 654
-----
needle: -1 -1 -1 0 -1 -1 1 0 1 -1 1 -1 -1 0 1 0 -1 0 1 -1 counter: 879
-----
needle: 1 0 1 -1 -1 0 -1 0 1 -1 -1 0 1 -1 -1 0 -1 -1 1 -1 counter: 43
-----
needle: 1 0 -1 0 1 -1 1 0 -1 0 -1 -1 -1 -1 -1 0 1 -1 1 -1 counter: 37
-----
needle: 1 0 1 -1 1 -1 -1 -1 1 0 -1 0 -1 0 -1 -1 1 0 -1 -1 counter: 19
-----
needle: -1 0 1 0 1 0 -1 0 -1 -1 1 -1 -1 -1 1 0 1 -1 -1 -1 counter: 710
needle: 1 0 1 -1 -1 0 -1 -1 1 -1 -1 0 1 0 1 -1 -1 0 -1 -1 counter: 159
needle: -1 -1 1 0 -1 0 1 -1 1 0 -1 0 1 -1 -1 -1 1 0 -1 -1 counter: 704
needle: -1 0 -1 -1 -1 0 -1 -1 1 -1 1 0 1 0 -1 -1 1 -1 1 0 counter: 962
-----
needle: -1 -1 1 0 -1 0 1 -1 -1 0 -1 -1 1 -1 1 0 -1 0 1 -1 counter: 197
-----
needle: 1 0 -1 -1 1 -1 -1 0 1 0 -1 0 1 -1 -1 -1 1 -1 -1 0 counter: 420
-----
needle: -1 0 1 0 1 0 -1 0 1 -1 1 -1 1 -1 -1 -1 -1 0 -1 -1 counter: 279
-----
needle: -1 0 1 0 1 0 -1 -1 -1 -1 -1 0 -1 0 1 -1 1 -1 1 -1 counter: 73
-----
average counter: 395
HITs: 13
success:10
```

Length 22bits, 10 success:

```
Enter length:
22
10101010101010101010
needle: 1 0 1 -1 -1 -1 -1 -1 -1 -1 -1 0 1 -1 1 0 -1 0 -1 0 1 -1 counter: 578
needle: -1 -1 1 0 -1 0 -1 0 -1 -1 -1 -1 -1 0 -1 -1 1 0 1 -1 1 -1 counter: 138
-----
needle: -1 0 -1 -1 -1 -1 -1 0 1 0 -1 0 1 -1 1 -1 1 -1 1 -1 0 counter: 188
-----
needle: 1 -1 -1 -1 -1 0 -1 0 1 0 1 -1 -1 -1 -1 -1 -1 1 0 1 0 counter: 165
needle: -1 -1 -1 0 -1 0 1 -1 1 0 -1 -1 1 -1 -1 -1 -1 0 1 -1 1 0 counter: 429
-----
needle: 1 -1 -1 0 -1 -1 1 0 1 0 -1 0 -1 -1 -1 -1 -1 -1 1 -1 1 0 counter: 846
-----
needle: -1 0 1 0 1 0 1 -1 -1 0 -1 -1 1 -1 -1 -1 1 -1 -1 -1 0 counter: 694
-----
needle: 1 -1 -1 0 -1 -1 1 0 1 -1 -1 0 -1 0 1 -1 1 -1 -1 0 -1 -1 counter: 497
-----
needle: -1 -1 1 0 1 0 -1 -1 1 -1 -1 -1 1 -1 1 0 -1 -1 -1 0 -1 0 counter: 599
-----
needle: -1 0 1 -1 1 -1 -1 0 -1 0 -1 -1 -1 0 -1 -1 1 -1 1 -1 1 0 counter: 671
needle: 1 0 -1 0 1 0 1 -1 1 0 -1 0 1 -1 -1 -1 -1 -1 -1 -1 -1 counter: 19
needle: 1 0 -1 -1 1 0 -1 0 -1 -1 1 -1 -1 0 -1 0 1 -1 1 -1 -1 counter: 601
-----
needle: 1 0 1 -1 -1 0 -1 -1 -1 0 -1 0 -1 -1 1 0 1 -1 -1 -1 1 -1 counter: 911
-----
needle: 1 0 -1 -1 -1 0 -1 0 1 -1 -1 0 -1 -1 1 -1 1 -1 -1 0 1 -1 counter: 170
needle: -1 0 1 0 1 -1 -1 -1 -1 0 -1 -1 -1 -1 1 0 1 -1 -1 -1 1 0 counter: 370
-----
average counter: 458
HITs: 15
success:10
```

length	avCounter	HITs
8	15	820
10	67	797
12	57	201
14	242	176
16	213	61
18	361	34
20	461	9
22	727	3

