4.

1100

$$\begin{array}{r} {}^{\prime}{}^{\prime}{}^{\prime} \\ 111 \\ +\ 101 \\ \hline 1100 \end{array}$$

7.

0110

11.

2240 ns

15.

A > B: 0101
A = B: 1000
A < B: 0011

20.

21.
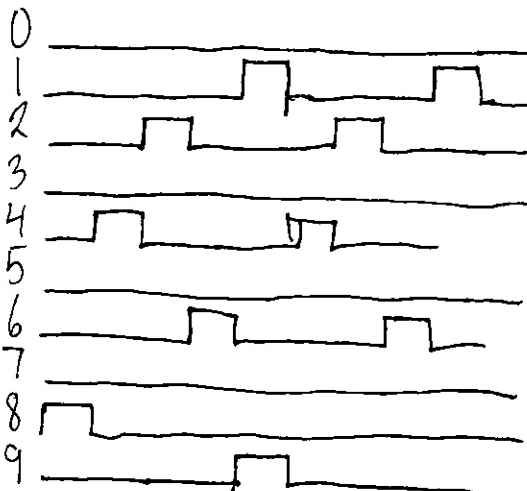
23.

1011 is not valid
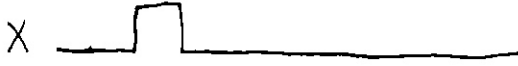
29.

X ⎯⎯⎯⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺⎺

34.

It's not working due to glitch