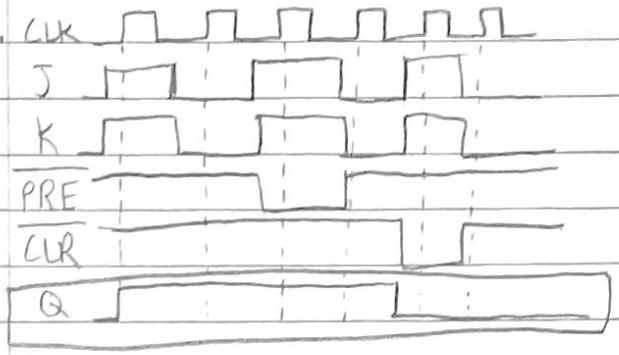
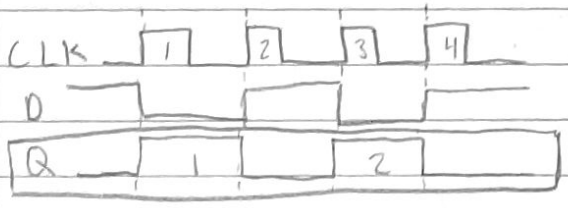
14.



21. $t_w = 30ns + 37ns = 67ns$

$f = \frac{1}{t_w}$ $f = \frac{1}{67ns}$ = 14.92 MHz

25.



The frequency is cut in half.