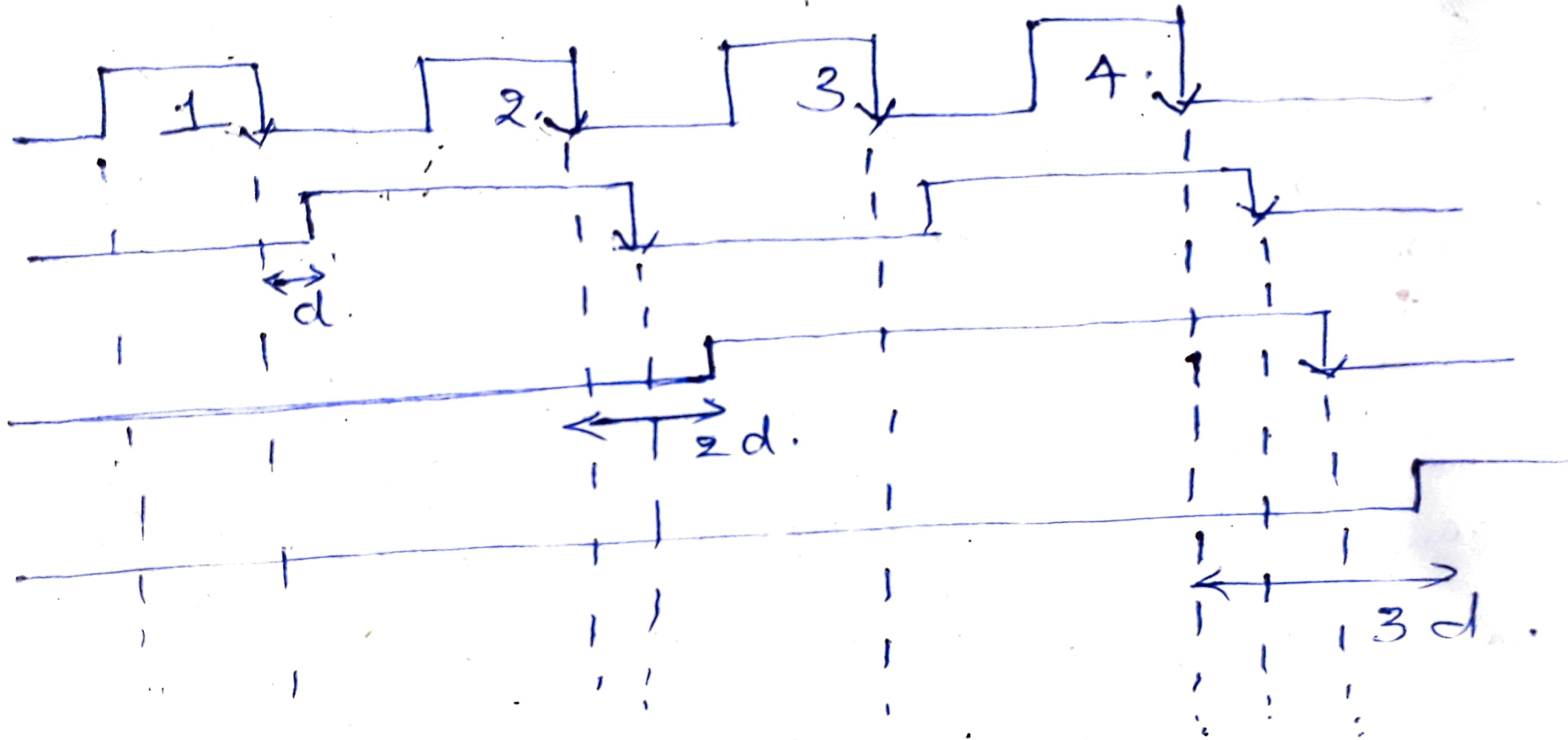
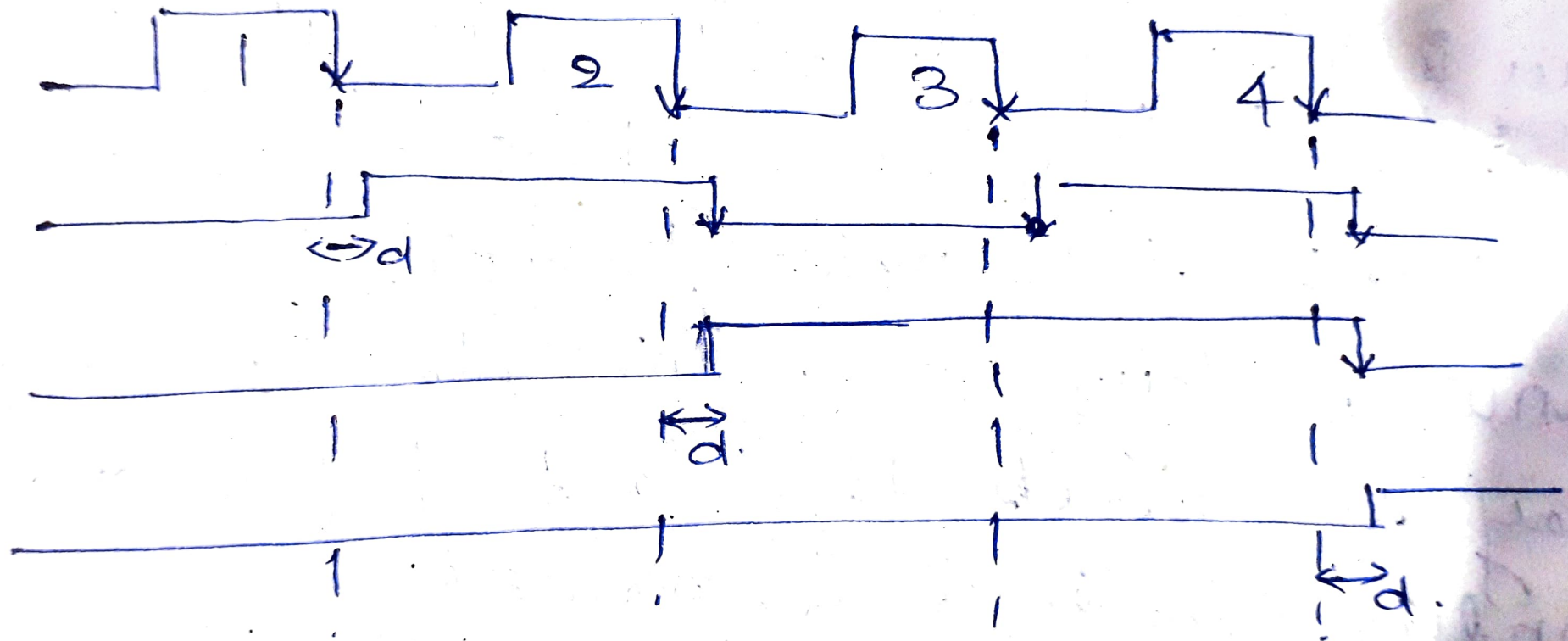


ripple effect is illustrated in the following



But in the case of synchronous counter all the flip-flops of the counter are

are triggered simultaneously by the pulse.



we compare the circuit above  
for the synchronous counter with its  
asynchronous counter.