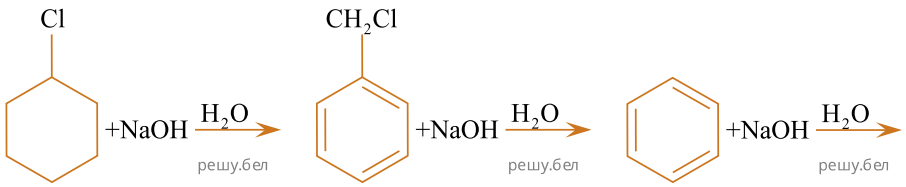
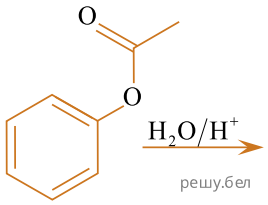
Фенол образуется в реакции, схема которой:



1) 2) 3)



4)

1) 1; 2) 2; 3) 3; 4) 4.