State what would be observed and write equation for the reaction that would take place if the following was added to acidified potassium dichromate(VI) solution.

(a) Hydrogen peroxide.

Observation:	(1 mark)
Solution changes from orange to blue	
Equation	(1 ½ marks)
$Cr_2O_7^{2-}(aq) + 6H_2O_2(aq) + 2H^+(aq) \longrightarrow 2CrO_5(aq) + 2H^+(aq) \longrightarrow 2CrO_5(a$	
$OR \ Cr_2O_7^{2-}(aq) + 4O_2(aq) + 2H^+(aq) \longrightarrow 2CrO_5(aq)$	$(1) + 5H_2U(1)$