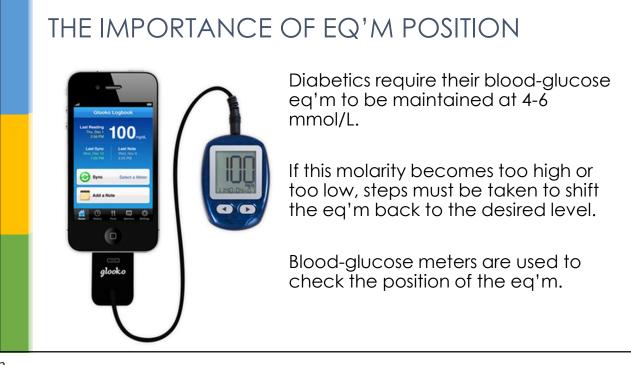
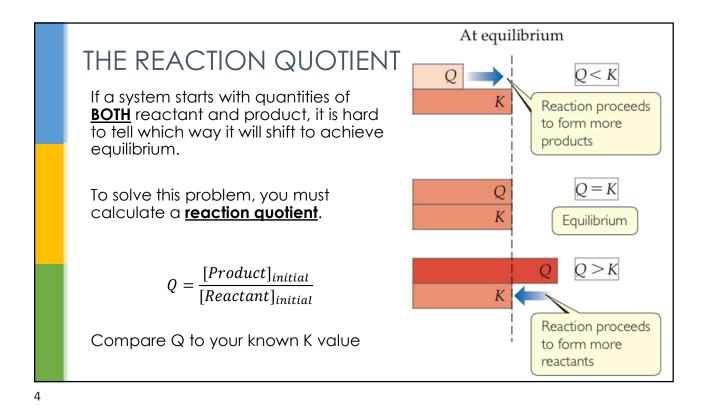
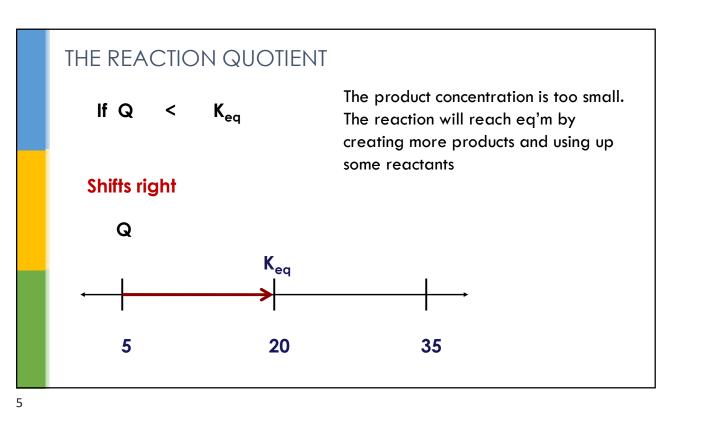
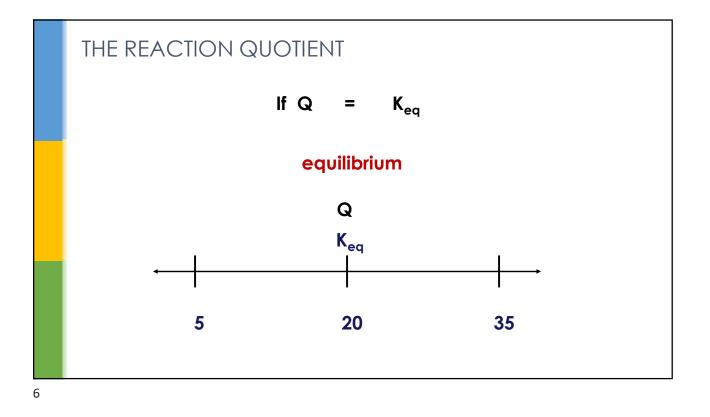
6. THE REACTION QUOTIENT UNIT 3 – CHEMICAL EQUILIBRIUM CH40 MR. WIEBE		
	6. THE REACTION QUOTIENT	

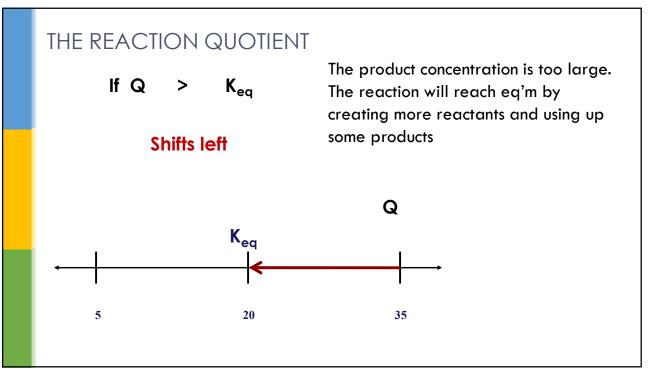






2





EXAMPLE 1

10.0 moles of NH_3 , 15.0 moles of N_2 , and 10.0 moles of H_2 are **initially** put in a 5.0 L container. Is the system in equilibrium and how will it shift if it is not?

 $2NH_{3(g)} \rightleftharpoons N_{2(g)} + 3H_{2(g)} K = 10$

8

