

For PC this week (due Feb. 16) do the following  
EOCs: 2, 4, 8, 12, 14, 16, 20, 24, 26, 28, 32, 38, 44,  
48, 53, 62, 64

Exam 1 gets released Friday Feb. 13 at 8 pm.

Please rework problems you didn't get correct  
since you may see them again.

## 16.4 Using Equilibrium Constants in Calculations

0.50 M of CO and H<sub>2</sub>O each put into a container and allowed to reach equilibrium, what will be their eq. conc.? Calc Q?



The equilibrium constant is 49 for the following reaction at 450°C. If 1.00 mole of HI is put into an evacuated 1.00-liter container and allowed to reach equilibrium, what will be the equilibrium concentration of each substance? Enter eq. H<sub>2</sub> concentration into clicker.

