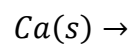
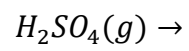
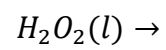
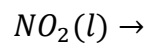
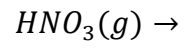


Review Unit 5.1

Write out the **dissociation equation** and say whether or not this compound conducts electricity or not.



Review Unit 5.2 Concentration Calculations

$$M_1V_1 = M_2V_2$$

250 mL of 0.07 M KI are added to 175 mL of H<sub>2</sub>O. What is the **new concentration** of KI?

How many **litres** are needed of 17.5 M H<sub>2</sub>O<sub>2</sub> solution to make 8.8 L of a 2.2 M solution?

If 750 mL of 0.02 M NaBr<sub>2</sub> is mixed with 175 mL of 0.52 M NaBr<sub>2</sub>. What is the **new concentration** of NaBr<sub>2</sub>?

If 650 mL of 0.75 M FeCl<sub>3</sub> is mixed with 255 mL of 1.25 M FeCl<sub>3</sub>. What is the **new concentration** of FeCl<sub>3</sub>?