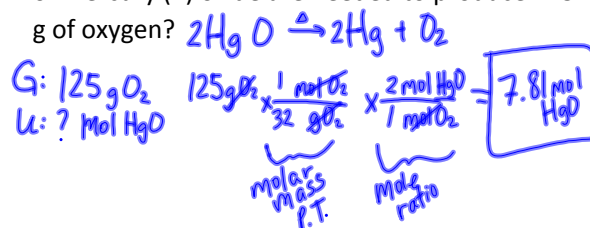


## Stoichiometry

Mass to mole and mass to mass

- Mercury (II) oxide when heated decomposes to form its constituent elements. How many moles of mercury (II) oxide are needed to produce 125 g of oxygen?



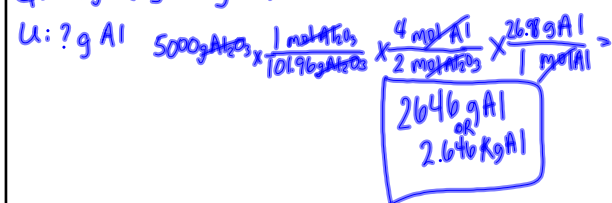
Oct 31-9:47 AM

Oct 31-9:47 AM

2. What mass of aluminum is produced by the decomposition of 5 kg of aluminum oxide?



G: 5 kg Al<sub>2</sub>O<sub>3</sub> = 5000 g Al<sub>2</sub>O<sub>3</sub>



Oct 31-9:47 AM