2d) Change of Mass

As reaction proceeds, mass of reactant "CAN" decrease if a gas is being produced and is allowed to leave the reaction mixture.

$$3 \text{ Mg}_{(5)} + \text{H}_{3}\text{PO}_{4} \longrightarrow \text{Mg}_{3}(\text{PO}_{4})_{2} + \text{H}_{2}(g)$$



