



Let's say I had 16 mol  $\text{H}_2\text{SO}_4$ .  
How much  $\text{O}_2$  is needed to make?

$$\cancel{16 \text{ mol H}_2\text{SO}_4} \times \frac{1 \text{ mol O}_2}{\cancel{2 \text{ mol H}_2\text{SO}_4}} = \underline{\underline{8 \text{ mol O}_2}}$$