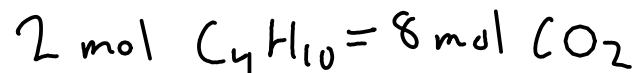


#3.79, p 119



What is the amount (in moles) of carbon dioxide produced from 0.30 mol butane?



$$0.30 \text{ mol } \text{C}_4\text{H}_{10} \times \frac{8 \text{ mol } \text{CO}_2}{2 \text{ mol } \text{C}_4\text{H}_{10}} = 1.2 \text{ mol } \text{CO}_2$$