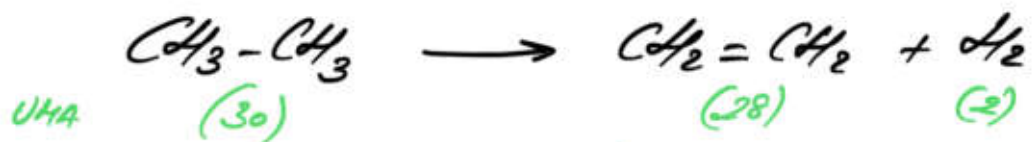


EXERCÍCIO FQ1BE2771:



¿V de H_2 a 700 mmHg / 70°C con 80 g C_2H_6 ?

$$80 \text{ g de etano} \frac{29 \text{ H}_2}{30 \text{ g etano}} = 5,33 \text{ g H}_2$$

$$P \cdot V = n R T$$

$$\frac{700}{760} \cdot V = \frac{5,33}{2} \cdot 0,082 \cdot (273 + 70)$$

$$V = 63,3 \text{ l de H}_2$$