



① Convert 243.3g PdCl₃ to mol KCl

mass PdCl₃ → mol PdCl₃

$$\text{MM}_{\text{PdCl}_3} = 212.77 \text{ g/mol}$$

$$\frac{243.3 \text{ g PdCl}_3}{212.77 \text{ g PdCl}_3} = 1.14 \text{ mol PdCl}_3$$

$$= 1.14 \text{ mol PdCl}_3$$

② mol PdCl₃ → mol KCl

$$\frac{1.14 \text{ mol PdCl}_3}{1 \text{ mol PdCl}_3} = 6.84 \text{ mol KCl}$$

$$= 6.84 \text{ mol KCl}$$



Convert 2.30 mol ZrBrO₃ to mass Zn₂SO₄

② mol ZrBrO₃ → mol Zn₂SO₄

③ mol Zn₂SO₄ → mass Zn₂SO₄

$$\text{MM}_{\text{Zn}_2\text{SO}_4} = 226.85 \text{ g/mol}$$

$$\frac{2.30 \text{ mol ZrBrO}_3}{4 \text{ mol ZrBrO}_3} = 1.15 \text{ mol Zn}_2\text{SO}_4$$

$$= 1.15 \text{ mol Zn}_2\text{SO}_4$$

$$\frac{1.15 \text{ mol Zn}_2\text{SO}_4}{1 \text{ mol Zn}_2\text{SO}_4} = 260.88 \text{ g Zn}_2\text{SO}_4$$

$$= 260.88 \text{ g Zn}_2\text{SO}_4$$