解： *ξ* = Δ*n*B *·ν*B−1 = (−0.25mol)/( −1) = 0.25mol

Δc*H*θm=Δr*H*θm= 

= −817 kJ/0.25mol

= −3268 kJ⋅mol−1

Δr*U*θm= Δr*H*θm−Δ*n*g*RT*

= −3268kJ⋅mol−1−(6−15/2)×8.314×10−3×298.15kJ⋅mol−1

= −3264kJ⋅mol−1