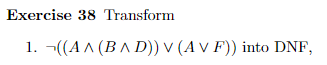
1Exercises 10



( ㄱ( A ⋀ (B ⋀ D)) ⋀ ㄱ( A ⋁ F ) )

(( ㄱA ⋁ ㄱ(B ⋀ D)) ⋀ (ㄱA ⋀ ㄱF ) )

(ㄱA ⋁ ㄱB ⋁ ㄱD) ⋀ (ㄱA ⋀ ㄱ F)

**(ㄱA ⋀ ㄱ F) V (ㄱB ⋀ ㄱA ⋀ ㄱ F) V (ㄱD ⋀ ㄱA ⋀ ㄱ F)**



**Yes**



1:

( ㄱ( A ⋀ (B ⋀ D)) ⋀ ㄱ( A ⋁ F ) )

(( ㄱA ⋁ ㄱ(B ⋀ D)) ⋀ ㄱA ⋀ ㄱF)

**(ㄱA ⋁ ㄱB ⋁ ㄱD) ⋀ ㄱA ⋀ ㄱF**

2.

(ㄱA ⋀ ㄱB) ⋁ (ㄱA ⋀ ㄱC ⋀ ㄱD)

**ㄱA ⋀ (ㄱB ⋁ ㄱC) ⋀ (ㄱB ⋁ ㄱD )**