A > B x A <= B ⬄ A > B = not( A <= B )

⬄ not( A > B ) = A <= B

A >= B x A < B ⬄ A >= B = not( A < B )

⬄ not( A >= B ) = A < B

A = B x A <> B ⬄ A = B = not( A <> B )

⬄ not( A = B ) = A <> B