

De-Morgan's Law of Intersection

1) If $U = \{\alpha, \delta, \sigma, \eta, \omega, \mu, \beta\}$, $R = \{\delta, \eta, \mu, \sigma\}$, and $S = \{\mu, \sigma, \beta, \delta, \eta\}$,
verify $(R \cap S)' = R' \cup S'$.

PREVIEW

2) If $U = \{b, a, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z\}$,
verify $(X \cap Y)' = X' \cup Y'$.

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3) If $U = \{5, 10, 25, 50, 75, 100\}$, $C = \{5, 10, 25, 50\}$, and $D = \{10, 25, 50, 75, 100\}$,
verify $(C \cap D)' = C' \cup D'$.

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