

## De-Morgan's Law of Intersection

- 1) If  $U = \{\text{February, March, April, May, June, July}\}$ ,  $E = \{\text{March, May, February}\}$ , and  $F = \{\text{February, June, July}\}$ , verify  $(E \cap F)' = E' \cup F'$ .

# PREVIEW

- 2) If  $U = \{m\}$   
verify  $(V \cap W)'$

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- 3) If  $U = \{-9, -6, -2\}$ ,  $G = \{-9, -6, -2\}$ ,  $H = \{-6, -2, 12, 21\}$ ,  
verify  $(G \cap H)' = G' \cup H'$

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