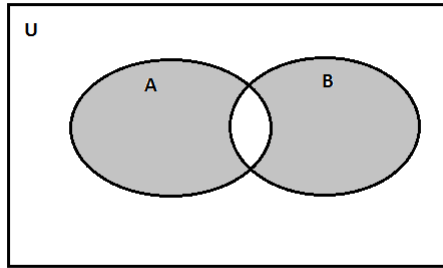


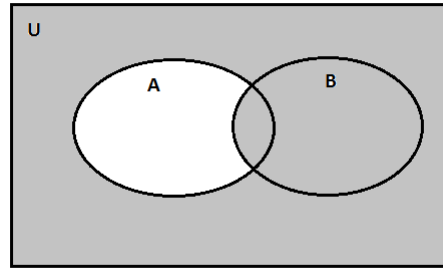
Math 1303 - Math in the Liberal Arts

Quiz #8 - 2014.09.22

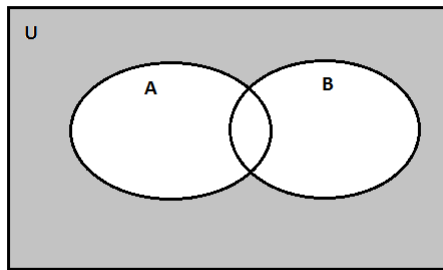
Solutions



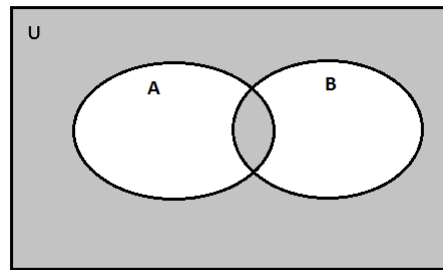
(a)



(b)



(c)



(d)

Use set statements to write a description of the shaded area. Use union, intersection, difference, and complement as necessary. More than one answer may be possible.

(a) $(A - B) \cup (B - A)$

(b) $(A - B)'$

(c) $(A \cup B)'$

(d) $(A \cap B) \cup (A \cup B)'$