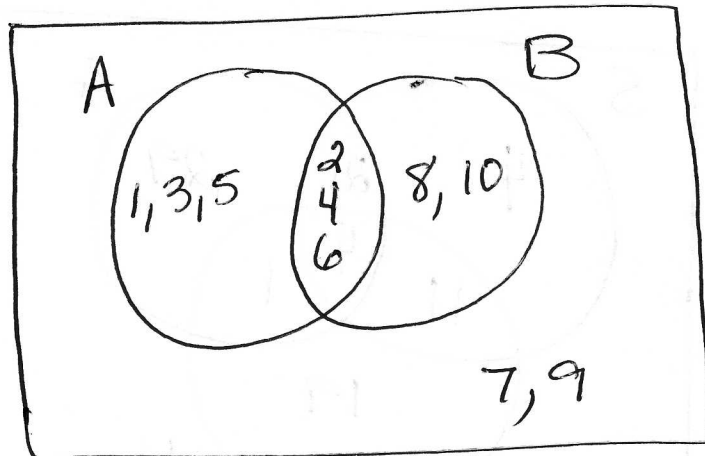


MA 114
Quiz 1A
Spring 2005

1. Let $A = \{1, 2, 3, 4, 5, \phi\}$, $B = \{2, 4, 6, 8, 10\}$, and $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$

a) Locate this information in a Venn Diagram.



b) List the elements of $A^c \cap B^c$

$\{7, 9\}$

c) True or False: $\{2\} \in A$

False

d) True or False: $\phi \subseteq B$

True