

Name: \_\_\_\_\_

Given:

$$U = \{s, t, w, x, y, z\}$$

$$A = \{t, w, x, z\}$$

$$B = \{s, t, x, y\}$$

$$C = \{s, x, y, z\}$$

Find:

a)  $A \cap B$

$$\{t, x\}$$

b)  $A \cap C$

$$\{x, z\}$$

c)  $(A \cap B) \cup (A \cap C)$

$$\{t, x, z\}$$

d)  $B'$

$$\{w, z\}$$

e)  $B \cup C$

$$\{s, t, x, y, z\}$$

f)  $(B \cup C)'$

$$\{w\}$$