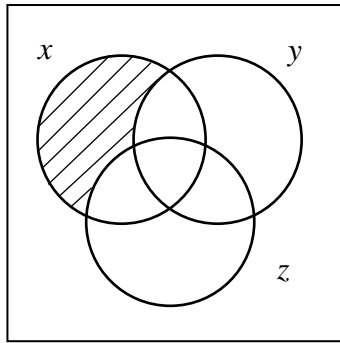
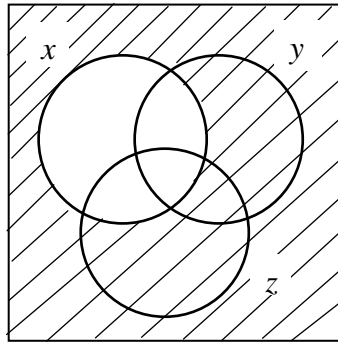


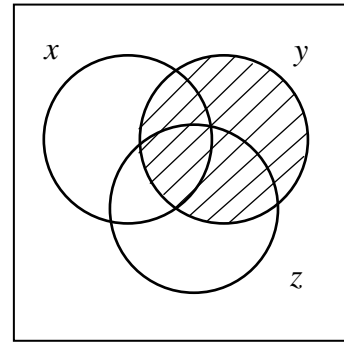
- Q6.** In the Venn Diagrams labeled 1 to 3, which of the following is the result of Boolean “OR” operations for all three to be combined? Here, “•” is used for “logical AND,” “+” for “logical OR,” and “ $\bar{A}$ ” for the “logical NOT” of A. Each set corresponding to  $x$ ,  $y$ , or  $z$  is depicted by a circle



1



2



3

a)  $x \bullet y \bullet \bar{z} + \bar{x} + \bar{y}$

b)  $x \bullet \bar{y} \bullet \bar{z} + x + y$

c)  $x \bullet \bar{y} \bullet \bar{z} + \bar{x} + y$

d)  $x \bullet \bar{y} \bullet \bar{z} + x + \bar{y}$