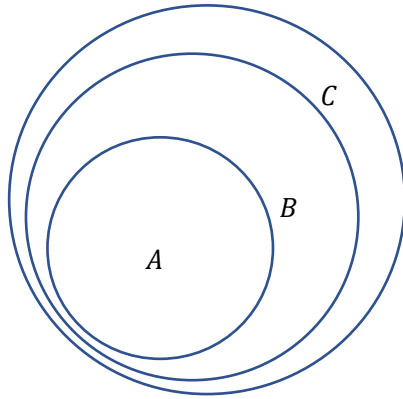


6.

$$B \subset A$$

$$C \subset D$$

14.



24.

a) is a power set of b), c), and d)

b) is a power set of c) and d)

32.

a) {

(a, x, 0), (a, x, 1), (a, y, 0), (a, y, 1)

(b, x, 0), (b, x, 1), (b, y, 0), (b, y, 1)

(c, x, 0), (c, x, 1), (c, y, 0), (c, y, 1)

}

b) {

(0,x,A), (0,x,B), (0,x,C),

(0,y,A), (0,y,B), (0,y,C),

(1,x,A), (1,x,B), (1,x,C),

(1,y,A), (1,y,B), (1,y,C),

}

c) {

(0,A,x), (0,A,y),

(0,B,x), (0,B,y),

(0,C,x), (0,C,y),

(1,A,x), (1,A,y),

(1,B,x), (1,B,y),

(1,C,x), (1,C,y)

}

d) { (x,x,x), (x,x,y), (x,y,x), (x,y,y), (y,x,x), (y,x,y), (y,y,x), (y,y,y) }