

TAREO

Jimena C.

1. $A = \{2, 3\}$ y $B = \{3, 4\}$

$$A \times B = \{(2, 3), (2, 4), (3, 3), (3, 4)\}$$

$$B \times A = \{(3, 2), (3, 3), (4, 2), (4, 3)\}$$

$$A \times A = \{(2, 2), (2, 3), (3, 2), (3, 3)\}$$

$$B \times B = \{(3, 3), (3, 4), (4, 3), (4, 4)\}$$

2. $E = \{a, b, c\}$ y $F = \{c, d\}$

$$F \times F = \{(a, c), (a, d), (b, c), (b, d), (c, c), (c, d)\}$$

$$F \times E = \{(c, a), (c, b), (c, c), (d, a), (d, b), (d, c)\}$$

$$E \times E = \{(a, a), (a, b), (a, c), (b, a), (b, b), (b, c)\}$$

$$E \times F = \{(c, c), (c, d), (d, c), (d, d)\}$$

3. $G = \{1, 3\}$ y $H = \{3, 6, 9\}$

$$G \times H = \{(1, 3), (1, 6), (1, 9), (3, 3), (3, 6), (3, 9)\}$$

$$H \times G = \{(3, 1), (3, 3), (6, 1), (6, 3), (9, 1), (9, 3)\}$$

$$G \times G = \{(1, 1), (1, 3), (3, 1), (3, 3)\}$$

$$H \times H = \{(3, 3), (3, 6), (3, 9), (6, 3), (6, 6), (6, 9), (9, 3), (9, 6)\}$$

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