

UNIDAD EDUCATIVA EMILIO ISAÍAS ABIHANNA

PRODUCTO CARTESIANO Y RELACIÓN BINARIA

1.- Dados los conjuntos:

$$A = \{x \in \mathbb{N} / 1 < x < 5\}$$

$$A = \{ \boxed{}; \boxed{}; \boxed{} \}$$

$$B = \{x \in \mathbb{N} / x \text{ divisor de } 9\}$$

$$B = \{ \boxed{}; \boxed{}; \boxed{} \}$$

$$\text{Hallar } A \times B = \{ (\boxed{}) ; (\boxed{}) ; (\boxed{}) ; (\boxed{}) ; (\boxed{}) ;$$
$$(\boxed{}) ; (\boxed{}) ; (\boxed{}) ; (\boxed{}) \}$$

Ahora determina $R = \{(x,y) \in A \times B / x+y < 8\}$

$$R = \{ (\boxed{}) ; (\boxed{}) ; (\boxed{}) ; (\boxed{}) ; (\boxed{}) ; (\boxed{}) \}$$

2.- Dados los conjuntos:

$$S = \{x \in \mathbb{N} / 1 < x < 5\}$$

$$S = \{ \boxed{}; \boxed{}; \boxed{} \}$$

$$T = \{x \in \mathbb{N} / x \text{ múltiplos de } 2, x < 5\}$$

$$T = \{ \boxed{}; \boxed{}; \boxed{} \}$$

Ahora determina $R = \{(x,y) \in S \times T / x+y < 8\}$

$$R = \{ (\boxed{}, \boxed{}) ; (\boxed{}, \boxed{}) ; (\boxed{}, \boxed{}) ; (\boxed{}, \boxed{}) ; (\boxed{}, \boxed{}) ; (\boxed{}, \boxed{})$$
$$; (\boxed{}, \boxed{}) ; (\boxed{}, \boxed{}) \}$$

ECON. MARÍA CAÑAR
DOCENTE