

Pregunta #2

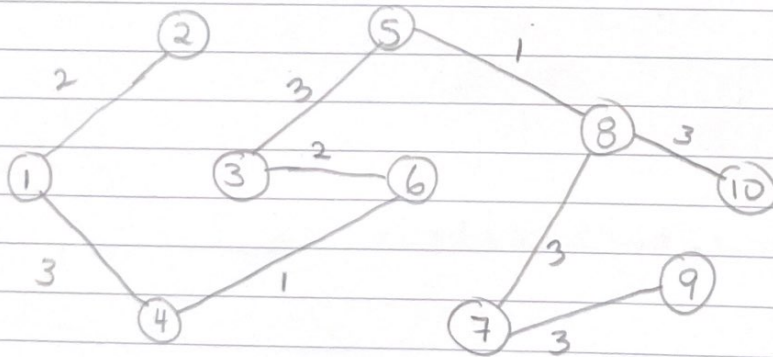
PRIM

Grafo de Vertices

$$V = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$$

$$W = \{1, 2, 4, 6, 3, 5, 8, 10, 7, 9\}$$

$$\text{Costo} = 2 + 3 + 3 + 2 + 1 + 1 + 3 + 3 + 3 = 21$$





CAJA DE ANDE



KRUSKAL

Grafo Vértices

Menor a Mayor

5-8 1 ✓

4-6 1 ✓

1-2 2 ✓

3-6 2 ✓

1-4 3 ✓

3-5 3 ✓

6-9 3 X

7-8 3 ✓

7-9 3 ✓

8-10 3 ✓

1-3 4 X

2-6 4 X

3-7 4 X

4-5 4 X

5-9 4 X

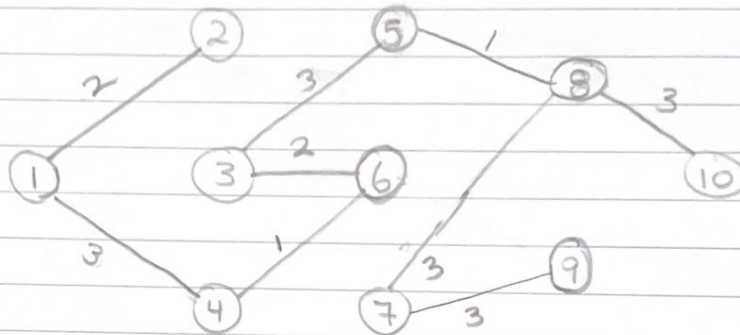
9-10 4 X

4-7 5 X

2-7 6 X

6-8 6 X

2-5 7 X



$$\text{Costo} = 1 + 1 + 2 + 2 + 3 + 3 + 3 + 3 + 3 = \underline{21}$$