

Lianelba Dvalle 2023-1758

Consumo = 8L/100Km ; Mantenimiento = 3,000 (2 veces al año)  
Seguro = 12,000 ; gomas = 24,000 (cada 20,000Km)  
Carro = 2,000,000 (en 5 años) ; Depreciación ; 700,000  
Km al año = 20,000Km ; gas = 290.1 (Premium)

Con 24 Km =

Km x galon =

$$8L \approx 2.113 \text{ gal} / 100K \approx 0.0211 \cdot 290.1 \approx \boxed{6.12}$$

Costo x Km

$$\text{Total carro} = 2,000,000 - 700,000 = 1,300,000 / 5 = 260,000$$

$$\text{total mante} = 3,000(2) = 6,000$$

$$\text{total gomas} = 20,000 / 20,000 = 1 = 1 \cdot 24,000 = 24,000$$

$$\text{Costo x Km} = 260,000 + 6,000 + 24,000 + 12,000 = 302,000$$

$$302,000 / 20,000 = 15.1 + 6.12 = \boxed{21.22}$$

Total viaje

$$\text{Total viaje} = 21.22 \cdot 24 = \boxed{509.28}$$