

Actividad 2

3 días = 72 hrs

236 m = 23600 Km

36 Km = 3600 mts

23.62 seg = 0.3936 min

45 hrs = 162000 seg

1h = 3600 seg

45 =

1km = 1000 m
236

1m = 60 seg
23.62

9
Act. 2
Física 2
250417
3P.

$$80 \frac{\text{km}}{\text{h}} = 22.22 \frac{\text{m}}{\text{s}}$$

$$\left(\frac{80 \text{ km}}{1 \text{ h}}\right) \left(\frac{1000 \text{ m}}{1 \text{ km}}\right) \left(\frac{1 \text{ h}}{3600 \text{ s}}\right) = \frac{80000 \text{ km} \cdot \text{m} \cdot \text{h}}{\text{h} \cdot \text{km} \cdot \text{s}}$$

$$23.68 \frac{\text{m}}{\text{s}} = 85.248 \frac{\text{km}}{\text{h}}$$

$$\left(\frac{23.68 \text{ m}}{1 \text{ s}}\right) \left(\frac{1 \text{ km}}{1000 \text{ m}}\right) \left(\frac{3600 \text{ seg}}{1 \text{ h}}\right) = \frac{85248 \text{ m} \cdot \text{km} \cdot \text{s}}{1000 \text{ s} \cdot \text{m} \cdot \text{h}}$$

$$40 \frac{\text{km}}{\text{h}} = 11.11 \frac{\text{m}}{\text{s}}$$

$$\left(\frac{40 \text{ km}}{1 \text{ h}}\right) \left(\frac{1000 \text{ m}}{1 \text{ km}}\right) \left(\frac{1 \text{ h}}{3600 \text{ s}}\right) = \frac{40000 \text{ km} \cdot \text{m} \cdot \text{h}}{3600 \text{ h} \cdot \text{km} \cdot \text{s}}$$

$$34.72 \frac{\text{m}}{\text{s}} = 124.992 \frac{\text{km}}{\text{h}}$$

$$\left(\frac{34.72 \text{ m}}{1 \text{ s}}\right) \left(\frac{1 \text{ km}}{1000 \text{ m}}\right) \left(\frac{3600 \text{ s}}{1 \text{ h}}\right) = \frac{124992 \text{ m} \cdot \text{km} \cdot \text{s}}{1000 \text{ s} \cdot \text{m} \cdot \text{h}}$$