Tuesday, 31th August 2021

Razones: p#1 y 2

$$60:36 \ /_2 = 30:18 \ /_6 = 5:3$$
$$60:48 \ /_2 = 30:24 \ /_6 = 5:4$$

volumen

$$V_{cono} = \frac{1}{3} \cdot \pi \cdot 7 \cdot 4^2$$

$$V_{cono} = \frac{1 \ 3.14 \cdot 7 \cdot 16}{3}$$

$$V_{cono} = \frac{351,68}{3}$$

$$V_{cono} = 117.22 \ cm^3$$

$$V_{cilindro} = \pi \cdot 10^2 \cdot 6$$

$$V_{cilindro} = 1.884 \ cm^3$$

$$V_t = 102.57 + 1884$$

$$= 2.001,22 \ cm^3$$

$$\frac{1}{7} \times \frac{2}{24} = \frac{24}{7} = 3,42$$

P.5

$$\frac{horas}{kilometros} = \frac{3}{69} \times \frac{x}{92} = \frac{276}{69} = 4 \, horas$$

$$X = 4$$

P.6

$$1\frac{1}{2} = \left(\frac{1 \cdot 2 + 1}{2}\right) = \frac{3}{2} = 1,5$$

$$3\frac{1}{2} = \left(\frac{3 \cdot 2 + 1}{2}\right) = \frac{7}{2} = 3,5$$

$$\frac{Cantidad \, a \, Pagar}{dias \, de \, la \, semana} = \frac{\$2.520.000}{1,5} \times \frac{x}{3,5} = \frac{8,820.000}{1,5}$$

$$= \$5.880.000$$

P.7

Litros	Personas	Dias
180.000	1.500	16
x	1800	9

$$\frac{180.000}{x} = \frac{1500}{1800} : \frac{15}{9} = \frac{22.500}{16.200}$$

$$= \frac{16.200 \cdot 180.000}{22.500} = 129.600 \text{ H}$$