

A. VERGARA G.

1) 2° Mujeres Conductoras = 4

2° Hombres No conductores =  $\frac{x}{4}$  (x total Grupo 2)  $x = 21$

1° No conductores = 6

1° No conductores mujer = 2

2° Total 10 conductores

1° Conductores 4 = 2 mujeres

1° NO CONDUCTOR Mujer = 2  
Hombre = 4  
CONDUCTOR Mujer 2  
Hombre 2  
Total 10

2° NO CONDUCTOR Mujer = 5  
Hombre = 5  
CONDUCTOR Mujer = 4  
Hombre = 6  
Total 20

| a) G.1 | CONDUCTOR | NO CONDUCTOR |
|--------|-----------|--------------|
| Mujer  | 4         | 2            |
| Hombre | 2         | 4            |

| G.2 | CONDUCTOR | NO CONDUCTOR |
|-----|-----------|--------------|
| M   | 4         | 5            |
| H   | 6         | 5            |

b)  $\frac{2+4}{14} = \frac{6}{14} \cdot 100\% = 42,9\%$

c)  $\frac{2+4+5+5}{2+2+4+6} = \frac{16}{14} = \frac{8}{7}$

d)  $\frac{4+5}{20} = \frac{9}{20} \cdot 100\% = 45\%$

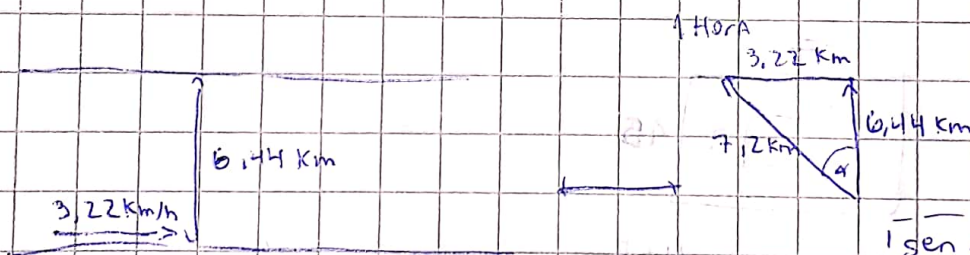
e)  $\frac{5+2}{4+9} \cdot 100\% = 35,7\%$

## A. VERGARA 6

2) Datos: Remar Tranquilo 6,44 Km/h  
Corriente Río 3,22 Km/h

a) Debe APUNTAR EN DIRECCIÓN CONTRA DEL río, No quedando Paralelo a este, a  $30^\circ$  ~~APRA~~.

b)



$$V_v = \sqrt{6,44^2 - 3,22^2}$$

$$V_v = \sqrt{5,58} \text{ Km/h}$$

$$\sin \alpha = \frac{3,22}{6,44} = 0,5 = 30^\circ$$

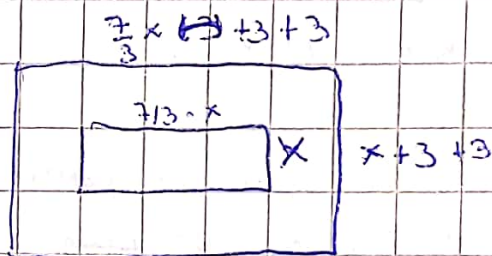
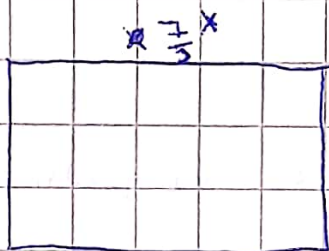
$$\frac{6,44}{5,58} = \frac{7,2 \text{ Km}}{6,44 \text{ Km/h}} = 1,15 \text{ horas} = 1 \text{ hora } 9 \text{ min}$$

$$c) \frac{3,22 \text{ Km}}{(6,44 + 3,22) \text{ Km/h}} + \frac{3,22 \text{ Km/h}}{(6,44 - 3,22) \text{ Km/h}} = 0,333 \text{ h} + 1 \text{ hora} = 1 \text{ hora } 19 \text{ min}$$

A. VERGARA G. 2ºE N° 3ºZ

3)

DATOS



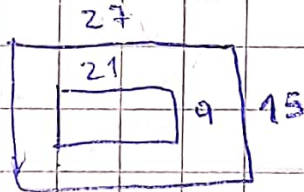
a)

$$\frac{7x}{3} = 21$$

$$7x = 63$$

$$x = 9$$

→



b)  $(27m \cdot 15m) - (21m \cdot 9m) = 405m^2 - 189m^2 = 216m^2$  A cubrir.

c)  $\text{Galon} = 10m^2 \rightarrow \frac{216m^2}{10gal} = 21,6 \sim 22 \text{ galones se necesitan para } 22 \cdot 2 = 44$

21,6 · 2 = 44 galones se necesitan para las dos manos