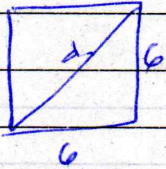
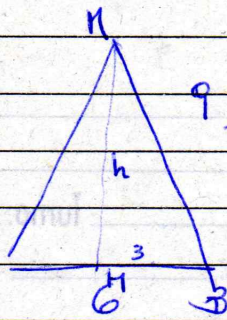


1) $\triangle ABM$



$$d = 8,5$$

$$\overline{MB} = 9$$

$$\overline{MH} = \sqrt{81 - 9} = 8,48 \approx 8,5$$

$$\text{Area} = \frac{6 \times 8,5}{2} = 25,5 \text{ cm}^2$$

AREA.

b) $\hat{A}MB$

$$6^2 = 9^2 + 9^2 - 2 \cdot 9 \cdot 9 \cdot \cos \hat{A}$$

$$\frac{36 - 81 - 81}{-2 \cdot 81}$$

$$\hat{M} = 38^\circ 56'$$



Escuela: _____

Alumno: _____

Curso: _____

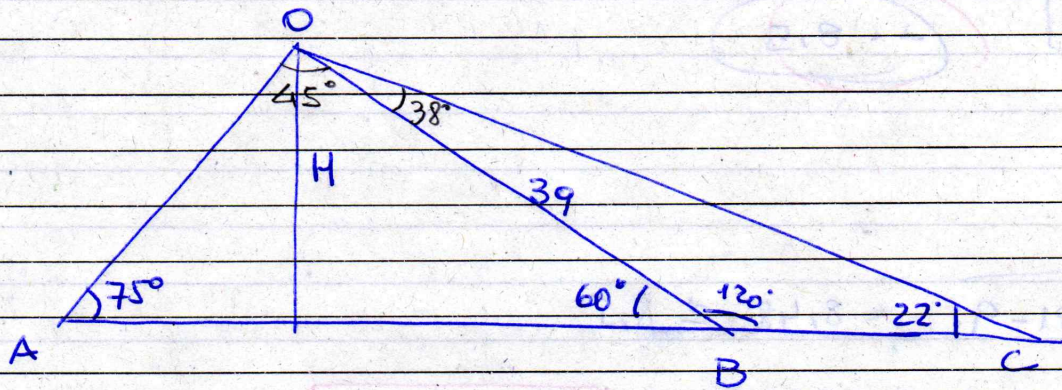
Turno: _____

Grupo: _____

Año: _____

Fecha: _____

(2)



a) \overline{AO} , \overline{CO} .

$$\frac{39}{\text{sen } 22^\circ} = \frac{CO}{\text{sen } 38^\circ}$$

$$\Rightarrow \overline{CO} = 90,16 \text{ cm.}$$

$$\frac{39}{\text{sen } 75^\circ} = \frac{AO}{\text{sen } 60^\circ}$$

$$\Rightarrow \overline{AO} = 34,9 \text{ cm.}$$

b) \overline{AB} y \overline{BC}

$$\overline{AB}) \frac{AB}{\text{sen } 45^\circ} = \frac{39}{\text{sen } 75^\circ} \Rightarrow \overline{AB} = 28,5 \text{ cm.}$$

$$\overline{AB} = 28,5 \text{ cm.}$$

$$AB = \sqrt{39^2 + 35^2 - 2 \cdot 39 \cdot 35 \cdot \cos 45^\circ} = 28,55.$$

$$\overline{BC}) \frac{39}{\text{sen } 22^\circ} = \frac{BC}{\text{sen } 38^\circ}$$

$$\overline{BC} = 64$$

c) h) $\text{sen } 60^\circ = \frac{OH}{39}$

$$\overline{OH} = 33,7 \text{ cm.}$$