



Nombre de alumno: MARIANA LIZETH ALTUZAR PEREZ

Nombre del profesor: Sebastián

Nombre del trabajo: Tarea plataforma

Materia: Geometría y Trigonometría

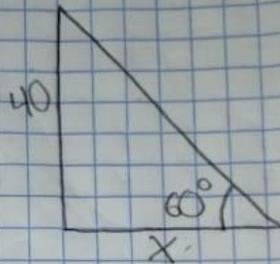
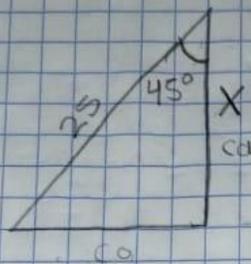
Grado: Segundo Cuatrimestre

Grupo: A

TAREA DE PLATAFORMA

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4. Calcula el valor faltante



$$\cos = \frac{ca}{hip}$$

$$\cos 45^\circ = \frac{X}{25}$$

$$0.7071 = \frac{X}{25}$$

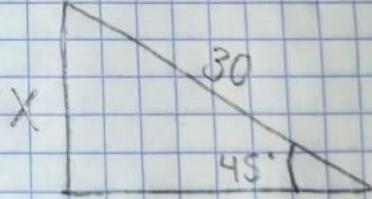
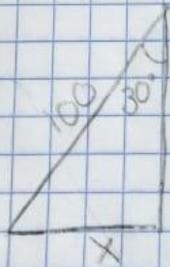
$$25(0.7071) = ca = 17.6775$$

$$\tan = \frac{ca}{ca}$$

$$\tan 60^\circ = \frac{40}{X}$$

$$1.7321 = \frac{40}{X}$$

$$X = \frac{40}{1.7321} = 23.09$$



$$\text{Sen} = \frac{ca}{hip}$$

$$\text{sen } 30^\circ = \frac{X}{100}$$

$$0.50000 = \frac{X}{100}$$

$$100(0.50000) = ca = 50$$

$$\text{Sen} = \frac{ca}{hip}$$

$$\text{sen } 45^\circ = \frac{X}{30}$$

$$0.7071 = \frac{X}{30}$$

$$\text{LOVE yourself } 30(0.7071) = ca = 21.213$$

TAREA DE PLATAFORMA

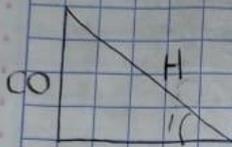
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1. Observa las siguientes imágenes y selecciona la razón Trigonométrica que corresponde.

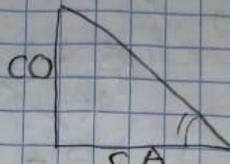
Sen

Cos

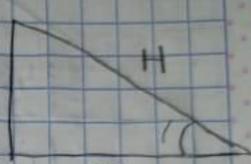
Tan



Sen

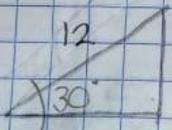


Tan

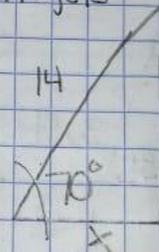


Cos

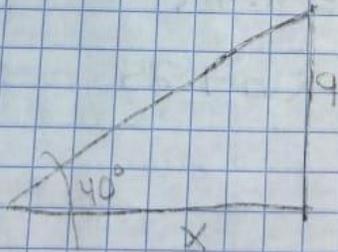
2. Selecciona la función trigonométrica asociada a los datos del triángulo



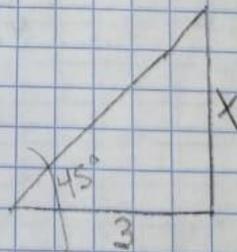
Seno
Coseno
X Tangente



Seno
Coseno
Tangente



Seno
Coseno
Tangente

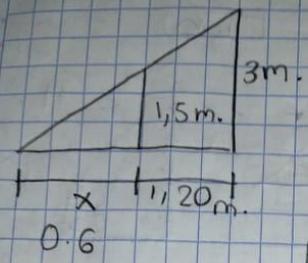


Seno
Coseno
Tangente

TAREA DE PLATAFORMA

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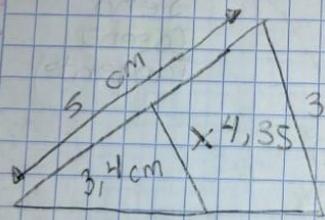
Resuelve los siguientes ejercicios sobre el Teorema de Tales



$$\frac{1.5}{x} = \frac{3}{1.20}$$

$$1.8 = 3x$$

$$\frac{1.8}{3} = x = 0.6$$



$$\frac{x}{3.4} = \frac{5}{3.9}$$

$$17 = 3.9x$$

$$\frac{17}{3.9} = x = 4.35$$