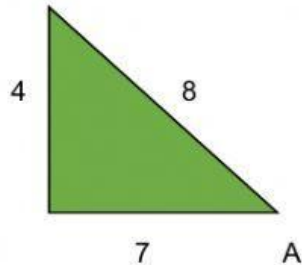


CÁLCULO DE FUNCIONES TRIGONOMÉTRICAS EN TRIÁNGULOS RECTÁNGULOS

I.- Encuentra las seis funciones trigonométricas de los siguientes triángulos, para el ángulo indicado. En el valor del ángulo, sólo indica el grado en número entero

1)



Sen A = _____

Cot A = _____

Cos A = _____

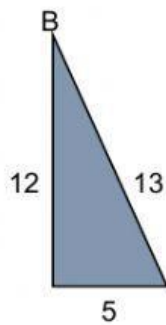
Sec A = _____

Tan A = _____

Csc A = _____

$\angle A =$ _____ grados

2)



Sen B = _____

Cot B = _____

Cos B = _____

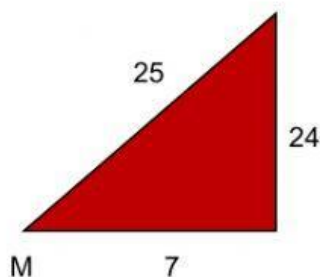
Sec B = _____

Tan B = _____

Csc B = _____

$\angle B =$ _____ grados

3)



Sen M = _____

Cot M = _____

Cos M = _____

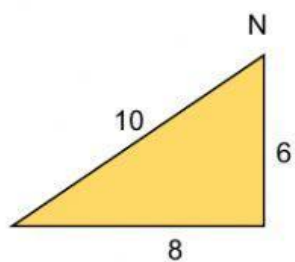
Sec M = _____

Tan M = _____

Csc M = _____

$\angle M =$ _____ grados

4)



$$\text{Sen } N = \underline{\hspace{2cm}}$$

$$\text{Cot } N = \underline{\hspace{2cm}}$$

$$\text{Cos } N = \underline{\hspace{2cm}}$$

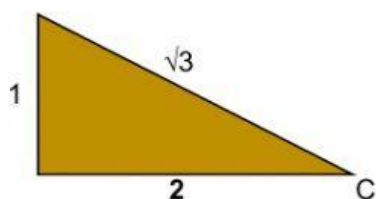
$$\text{Sec } N = \underline{\hspace{2cm}}$$

$$\text{Tan } N = \underline{\hspace{2cm}}$$

$$\text{Csc } N = \underline{\hspace{2cm}}$$

$$\angle N = \underline{\hspace{2cm}}$$

5)



$$\text{Sen } C = \underline{\hspace{2cm}}$$

$$\text{Cot } C = \underline{\hspace{2cm}}$$

$$\text{Cos } C = \underline{\hspace{2cm}}$$

$$\text{Sec } C = \underline{\hspace{2cm}}$$

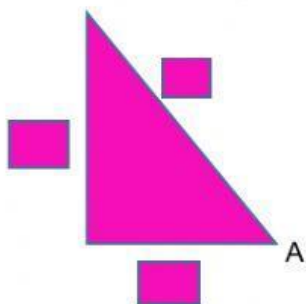
$$\text{Tan } C = \underline{\hspace{2cm}}$$

$$\text{Csc } C = \underline{\hspace{2cm}}$$

$$\angle C = \underline{\hspace{2cm}}$$

II.- Traza el triángulo rectángulo y obtén las funciones trigonométricas indicadas de ángulo A dado que:

1) $\text{Sen } A = \frac{12}{13}$



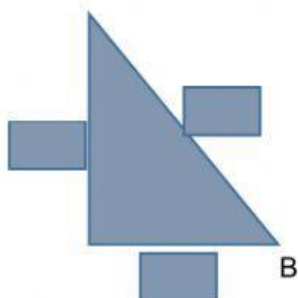
$$\text{Cos } A = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

$$\text{Tan } A = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

$$\text{Csc } A = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

$$\angle A = \underline{\hspace{2cm}} \text{ grados}$$

2) $\text{Cos } B = \frac{4}{5}$



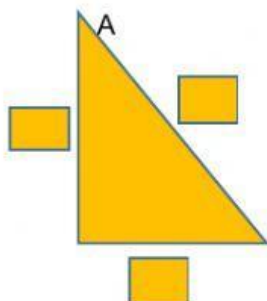
$$\text{Tan } B = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

$$\text{Sec } B = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

$$\text{Cot } B = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

$$\angle B = \underline{\hspace{2cm}} \text{ grados}$$

3) $\tan C = \frac{7}{24}$



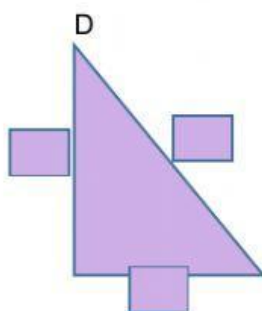
$\sin A = \frac{\boxed{}}{\boxed{}}$

$\cot = \frac{\boxed{}}{\boxed{}}$

$\tan A = \frac{\boxed{}}{\boxed{}}$

$\angle A = \underline{\hspace{2cm}}$ grados

4) $\sec D = \frac{10}{8}$



$\cos D = \frac{\boxed{}}{\boxed{}}$

$\cot D = \frac{\boxed{}}{\boxed{}}$

$\sec D = \frac{\boxed{}}{\boxed{}}$

$\angle D = \underline{\hspace{2cm}}$ grados