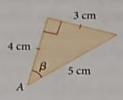
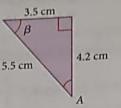


1.

2.



3.

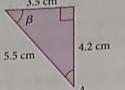


$$sen \beta = \frac{3}{5}$$

$$\cos \beta = \frac{5}{2}$$
  
 $\tan \beta = \frac{2}{2}$ 

$$\cot \beta = \frac{3}{3}$$

$$\sec \beta = \underline{\underline{G}}$$
 $\csc \beta = \underline{\underline{G}}$ 



$$sen \beta = \frac{7.5}{5.6}$$

$$cos \beta = \frac{3.5}{5.5}$$

$$tan \beta = \frac{4.7}{3.5}$$

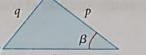
$$\cot \beta = \underbrace{\begin{array}{c} 3.5 \\ 4.2 \end{array}}_{\phantom{0}}$$

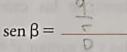
$$\sec \beta = \frac{35}{55}$$

$$\csc \beta = \frac{1}{42}$$









$$\tan \beta = \frac{\alpha}{P}$$

$$\csc \beta = \frac{\zeta}{\zeta}$$

$$sen \beta = \frac{1}{\sqrt{2}}$$

$$\cos \beta = \frac{1}{\sqrt{2}}$$

$$\tan \beta = \frac{\frac{3}{7} = 1}{\frac{3}{7}}$$

$$\cot \beta = \frac{3}{3} = 1$$

$$\sec \beta = \frac{77}{7} = \sqrt{2}$$

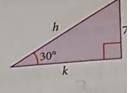
$$\csc \beta = \frac{7}{4} \cdot \sqrt{2}$$

Construye en tu cuaderno un triángulo rectángulo que cumpla con cada condición dada.

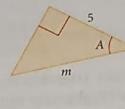
## $\csc \alpha = \frac{9}{2}$ 12.

Expresa el valor de cada datos suministrados. U





16.



Demuestra en tu cuad a partir del siguiente



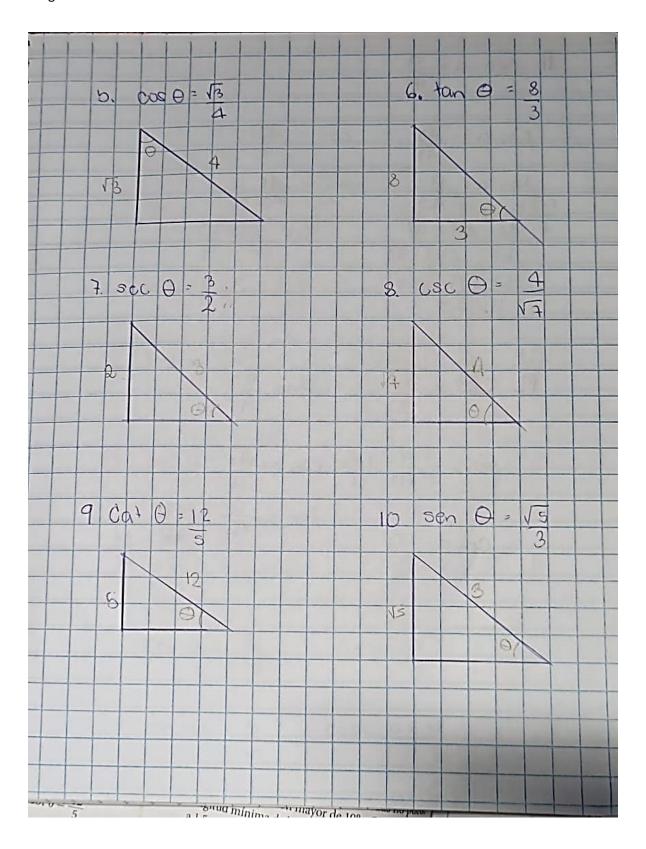


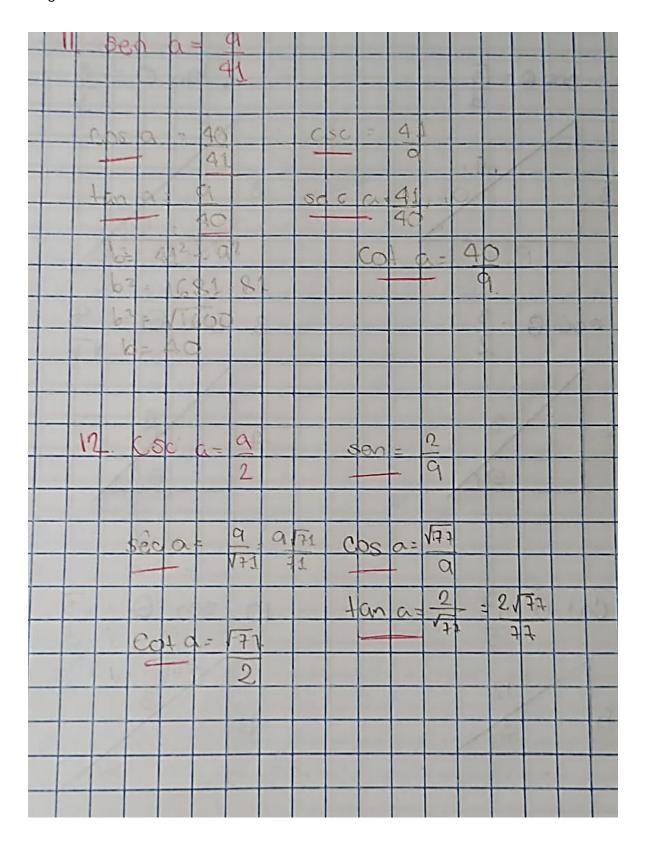
19. 
$$\tan \alpha = \frac{\sec \alpha}{\cos \alpha}$$

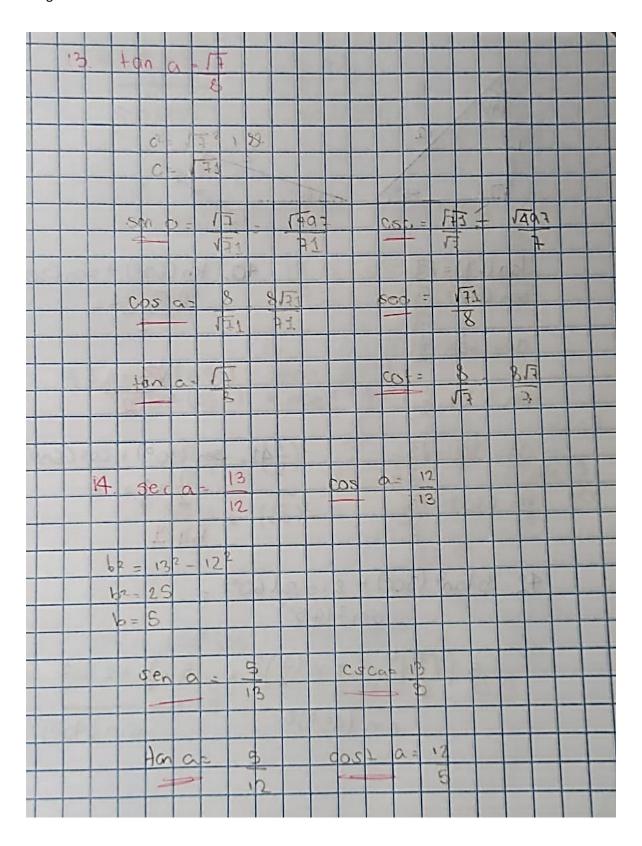
20. 
$$\cot \alpha = \frac{\cos \alpha}{\sin \alpha}$$

21. 
$$\sec \alpha = \frac{1}{\cos \alpha}$$

Resuelve el siguiente







THE PERSON NAMED IN

Verifica si son ciertas las igualdades siguientes.

30.  $sen(30^\circ) + sen(45^\circ) = sen(75^\circ)$ 

NO

31.  $\operatorname{sen}(90^\circ) - \operatorname{sen}(60^\circ) = \operatorname{sen}(30^\circ)$ 

NO

32.  $2\tan(30^\circ) = \tan(60^\circ)$ 

NO

33.  $sen(60^\circ) = 2sen(30^\circ)cos(30^\circ)$ 

Si

34.  $\cos(45^\circ) = \frac{\cos(90^\circ)}{2}$ 

VIO

35.  $\cos(60^\circ) = \cos^2(30^\circ) - \sin^2(30^\circ)$ 

Si

Escribe V, si la expresión es verdadera o F, si es falsa.

D

36.  $\cos(30^\circ) + \cos(60^\circ) = 2\cos(45^\circ)$ 

£

37.  $(sen(30^\circ))(cos(30^\circ)) = sen(30^\circ)$ 

t

38.  $\cos(60^\circ) = 2\cos^2(30^\circ) - 1$ 

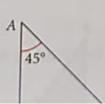
Y

39.  $\operatorname{sen}^2(30^\circ) + \cos^2(30^\circ) = 1$ 

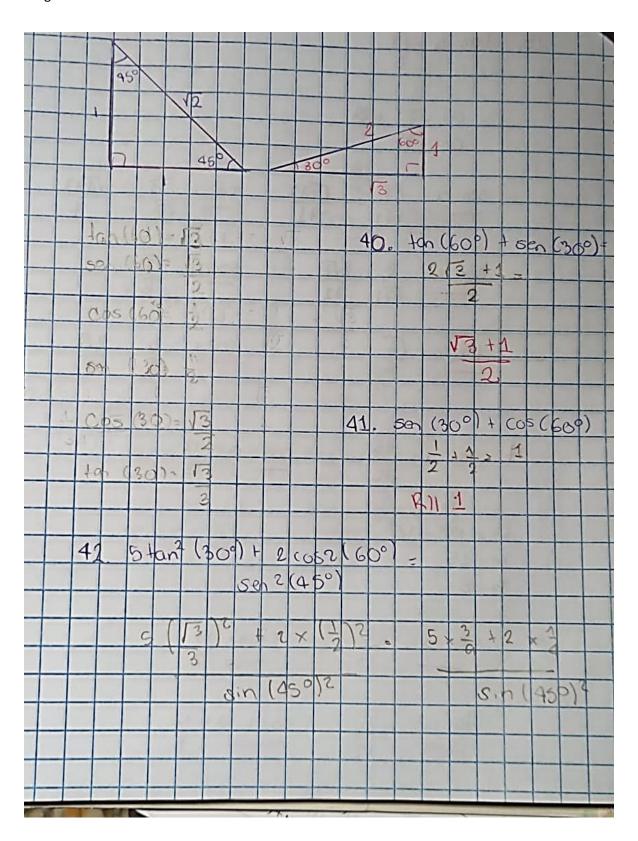
V

Utiliza los triángulos notables para hallar el valor de cada expresión.





19



5 7 (95	9/6	5 + 3	2 450)2	3 13 6	(450)2
13 6x (15)	,	120	- 7	11 13	
	(45°) + (45°) +	\frac{5}{2}\right); =	1		3 3 5 10 2
44: (50	2 (30°)		11=	):	15