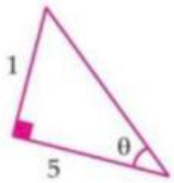
NOMBRE: GRUPO: FECHA:

ACTIVIDADES

Por mi cuenta

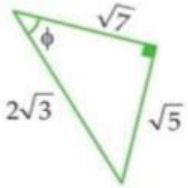
1. **Determina** el valor de $\csc\theta$.

A) $\sqrt{26}$
B) $\sqrt{23}$
C) $\sqrt{22}$
D) $\sqrt{21}$
E) $5/\sqrt{26}$



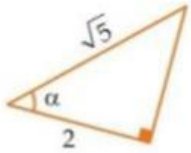
2. **Calcula** el valor de $\sec\phi$.

A) $\sqrt{3}/7$
B) $7/\sqrt{3}$
C) $2\sqrt{3}/\sqrt{7}$
D) $2/7$
E) $\sqrt{7}/2$



3. **Calcula** el valor de $\csc\alpha$.

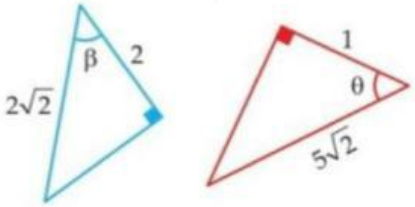
A) $2\sqrt{5}$
B) $\sqrt{5}/2$
C) $1/2$
D) $\sqrt{5}$
E) $3\sqrt{5}$



En pareja

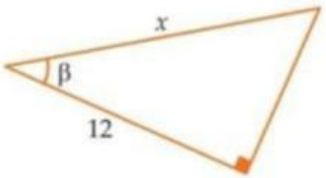
4. **Determinar** el valor de $E = \dfrac{\csc\theta}{\sec\beta}$.

A) $7/5$
B) $1/5$
C) $1/7$
D) $5/3$
E) $5/7$



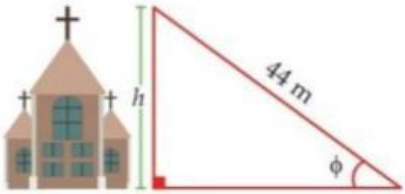
5. **Calcula** el valor de x, si $\sec\beta = \dfrac{5}{3}$.

A) 18
B) 20
C) 15
D) 16
E) 22



6. **Determina** la altura h de la iglesia, si $\csc\phi = 5{,}5$.

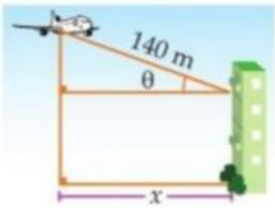
A) 5 m
B) 2 m
C) 4 m
D) 6 m
E) 8 m



En equipo

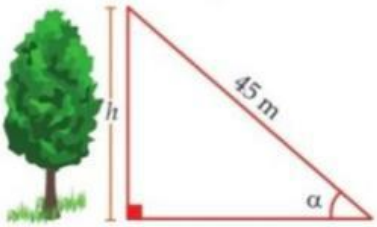
7. **Determina** el valor de x, si $\sec\theta = \dfrac{7}{3}$.

A) 40 m
B) 50 m
C) 60 m
D) 62 m
E) 55 m



8. **Calcula** el valor de h, si $\csc\alpha = \dfrac{15}{8}$.

A) 24 m
B) 22 m
C) 23 m
D) 21 m
E) 25 m



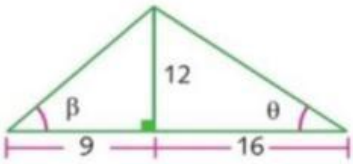
Reflexiono

¿Qué apliqué para resolver los problemas del capítulo? ¿Qué dificultades tuve para resolver algunos problemas? ¿Cómo los superé?

Olimpiadas

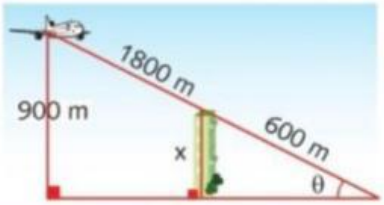
1. En la figura, **calcula** el valor de $M = \sec\beta + \csc\theta$.

A) 10/3
B) 3/10
C) 7/10
D) 2/3
E) 5/3



2. **Determina** el valor de x.

A) 280 m
B) 250 m
C) 290 m
D) 225 m
E) 310 m



LIVEWORKSHEETS