

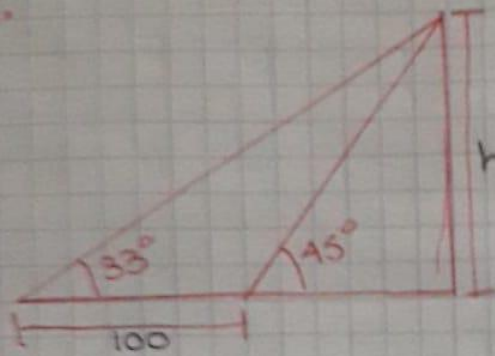
5.  $1 + \tan^2(\theta) = ?$

$$\tan^2(\theta) + 1 = \sec^2(\theta)$$

$$\sec^2(\theta)$$

## Recuperación Matemáticas

1.



$$\sin 33^\circ = \frac{100}{h}$$

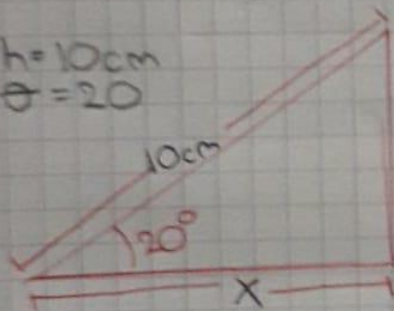
$$h = 100 \quad \sin 33^\circ = \frac{100}{h} \quad h \neq 0$$

$$h = 100$$

2.

$$h = 10 \text{ cm}$$

$$\theta = 20$$

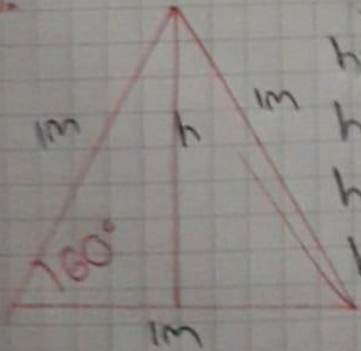


$$\cos 20^\circ = \frac{x}{10 \text{ cm}}$$

$$10 \text{ cm} \cdot \cos 20^\circ = x$$

$$9.84 = x$$

3.



$$h = \sqrt{1^2 + 1^2}$$

$$h = \sqrt{3 \times 1}$$

$$h = \sqrt{3}$$

$$h = 1.73205$$