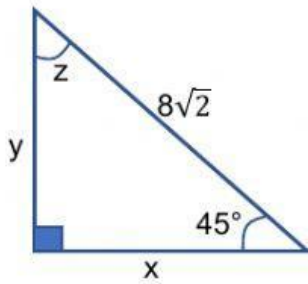
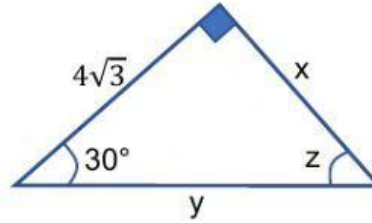


TRIANGULOS NOTABLES

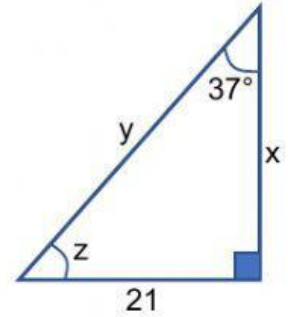
1. Halla los valores de "x", "y" y "z":



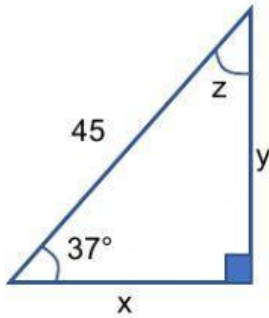
x = _____
y = _____
z = _____



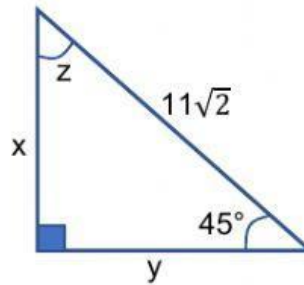
x = _____
y = _____
z = _____



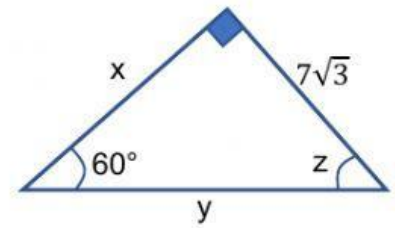
x = _____
y = _____
z = _____



x = _____
y = _____
z = _____

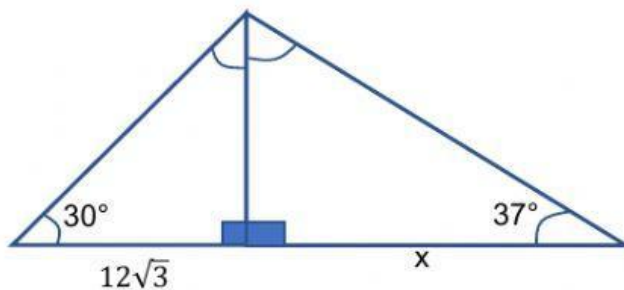


x = _____
y = _____
z = _____

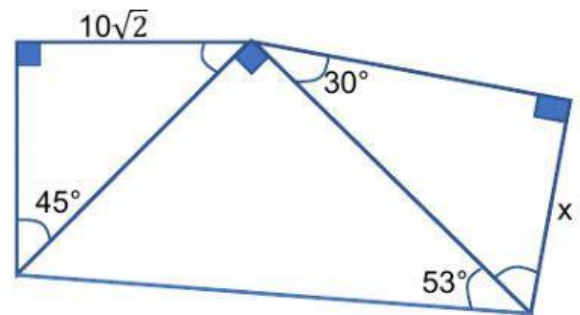


x = _____
y = _____
z = _____

2. En cada gráfico halla el valor de "x"



x = _____



x = _____

3. Halla las siguientes razones trigonométricas (escribe V donde necesites colocar raíz cuadrada, ejemplo: $\sqrt{3} = V3$). Racionaliza tus respuestas:

$$\text{sen } 30^\circ = \underline{\hspace{2cm}}$$

$$\tan 60^\circ = \underline{\hspace{2cm}}$$

$$\text{ctg } 37^\circ = \underline{\hspace{2cm}}$$

$$\text{ctg } 60^\circ = \underline{\hspace{2cm}}$$

$$\text{sen } 53^\circ = \underline{\hspace{2cm}}$$

$$\text{csec } 53^\circ = \underline{\hspace{2cm}}$$

$$\text{tg } 30^\circ = \underline{\hspace{2cm}}$$

$$\sec 30^\circ = \underline{\hspace{2cm}}$$

$$\sec 45^\circ = \underline{\hspace{2cm}}$$

$$\tan 37^\circ = \underline{\hspace{2cm}}$$

$$\text{sen } 60^\circ = \underline{\hspace{2cm}}$$

$$\cos 45^\circ = \underline{\hspace{2cm}}$$

4. Halla el valor numérico de E, si:

$$E = \frac{\text{sen}30^\circ + \cos^2 45^\circ - \sec 60^\circ}{5\text{sen}37^\circ - 3\cos 37^\circ} = \underline{\hspace{2cm}}$$

5. Halla el valor numérico de F en cada caso:

$$F = \frac{1 + \text{tg}60^\circ \cdot \text{ctg}30^\circ}{2 - \sec^2 60^\circ} = \underline{\hspace{2cm}}$$

$$F = \frac{\cos 30^\circ \cdot \sec 60^\circ \cdot \text{tg}45^\circ}{(\text{ctg}30^\circ \cdot \sec 45^\circ)^2} = \underline{\hspace{2cm}}$$

$$F = \frac{\text{tg}45^\circ + \text{csec}^2 45^\circ - \text{csec}30^\circ}{\text{ctg}^2 45^\circ + 2\text{sen}\pi/6} = \underline{\hspace{2cm}}$$