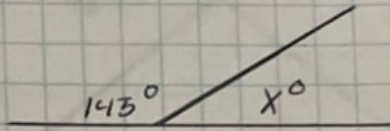


18/Enero/2024

Resuelve los siguientes problemas

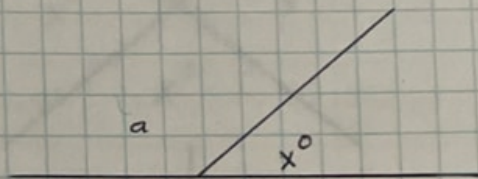
1) $x = ?$

- a) 145°
- b) 90°
- c) 42.50
- d) 45°
- e) 35°



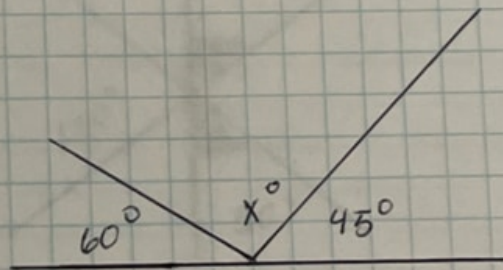
2) $x = ?$

- a) a
- b) 90°
- c) $90^\circ - a$
- d) $180^\circ - a$
- e) $180^\circ + a$



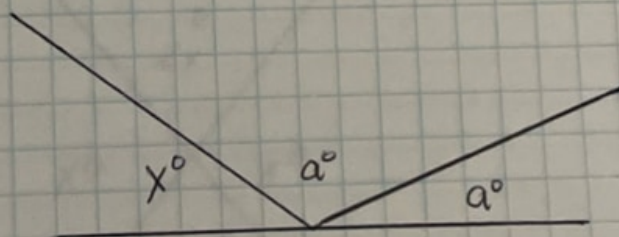
3) $x = ?$

- a) 30°
- b) 45°
- c) 75°
- d) 90°
- e) 105°



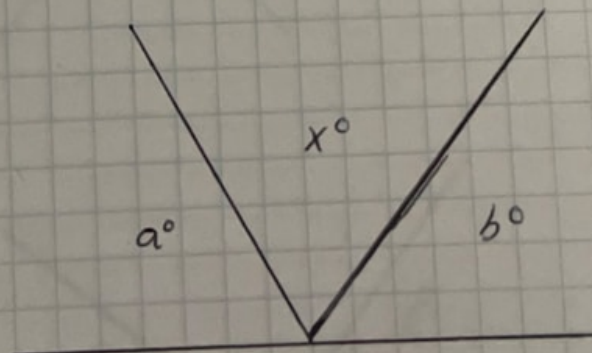
4) $x = ?$

- a) $180 - a - b$
- b) $2a$
- c) $180 - 2a$
- d) $180 - a$
- e) $180 + 2a$



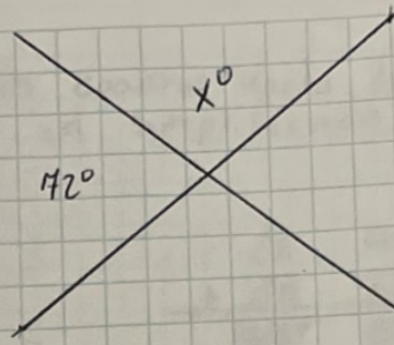
5) $x = ?$

- a) 90°
- b) $180^\circ - a - b$
- c) $a + b - 180$
- d) $-a - b$
- e) $a + b$



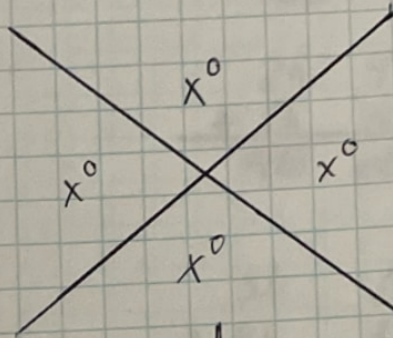
6) $x = ?$

- a) 18°
- b) 72°
- c) 90°
- d) 108°
- e) 128°



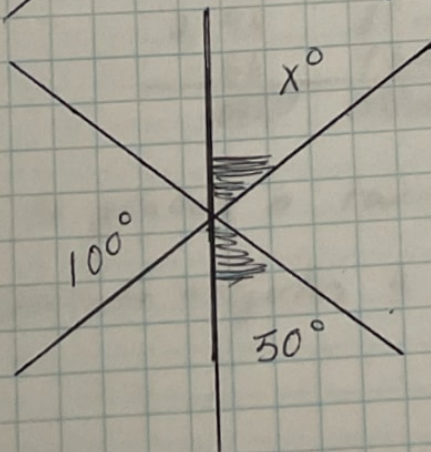
7.) $x = ?$

- a) 45°
- b) 60°
- c) 90°
- d) 180°
- e) 360°



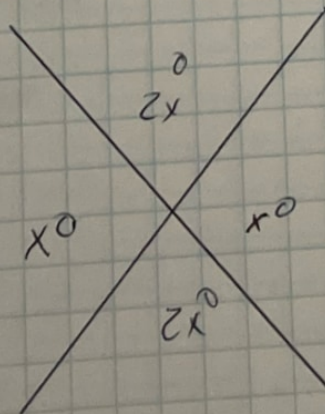
8) $x = ?$

- a) 30°
- b) 40°
- c) 60°
- d) 100°
- e) 50



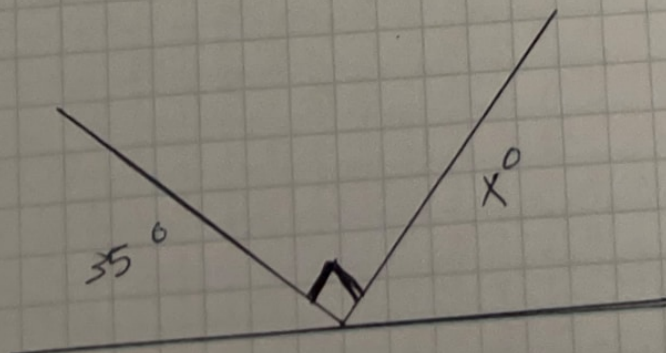
9) $x = ?$

- a) 36°
- b) 60°
- c) 96°
- d) 120°
- e) 150°



10) $x = ?$

- a) 35°
- b) 45°
- c) 55°
- d) 65°
- e) 90



Instrucciones: En los primeros cuadros anota la suma directa, en el siguiente con el resultado ya simplificada.

$$\begin{array}{r} 5h \quad 45min \quad 56s \\ + 4h \quad 38min \quad 47s \\ \hline 10h \quad 24min \quad 38s \end{array}$$

$$\begin{array}{r} 2h \quad 49min \quad 53s \\ + 3h \quad 56min \quad 26s \\ \hline 6h \quad 46min \quad 19s \end{array}$$

$$\begin{array}{r} 4h \quad 42min \quad 27s \\ + 3h \quad 13min \quad 37s \\ \hline 7h \quad 56min \quad 4s \end{array}$$

$$\begin{array}{r} 2h \quad 47min \quad 27s \\ + 1h \quad 40min \quad 18s \\ \hline 4h \quad 27min \quad 40s \end{array}$$

$$\begin{array}{r} 6h \quad 24min \quad 54s \\ 1h \quad 42min \quad 36s \\ + 2h \quad 15min \quad 44s \\ \hline 10h \quad 23min \quad 14s \end{array}$$

$$\begin{array}{r} 3h \quad 14min \quad 54s \\ + 4h \quad 22min \quad 35s \\ 6h \quad 15min \quad 28s \\ \hline 14h \quad 52min \quad 57s \end{array}$$

Ejercicios de conversión de grados a radianes y viceversa

1. Transforma los siguientes ángulos a radianes.

a) $0^\circ = 0^\circ \text{ Rad.}$

b) $30^\circ = \frac{30\pi}{180} = \frac{3\pi}{18} = \frac{\pi}{6} \text{ Rad}$

c) $45^\circ = \frac{45\pi}{180} = \frac{9\pi}{36} = \frac{\pi}{4} \text{ Rad}$

d) $60^\circ = \frac{60\pi}{180} = \frac{6\pi}{18} = \frac{\pi}{3} \text{ rad}$

e) $90^\circ = \frac{90\pi}{180} = \frac{9\pi}{18}$

j) $210^\circ = \frac{210\pi}{180}$

f) $120^\circ = \frac{120\pi}{180}$

g) $135^\circ = \frac{135\pi}{180}$

h) $150^\circ = \frac{150\pi}{180}$

i) $20^\circ = \frac{20\pi}{180}$