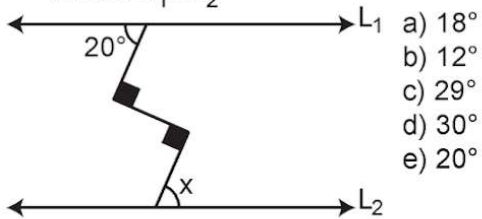


ÁNGULOS ENTRE PARALELAS

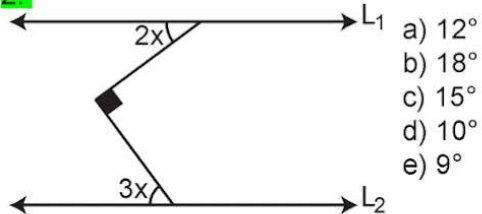
PROBLEMAS APLICATIVOS

1. En cada uno de los gráficos, calcule "x". Si: $\vec{L}_1 // \vec{L}_2$



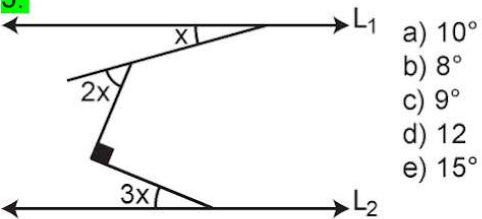
- a) 18°
- b) 12°
- c) 29°
- d) 30°
- e) 20°

2.



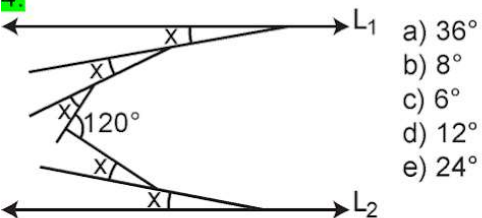
- a) 12°
- b) 18°
- c) 15°
- d) 10°
- e) 9°

3.



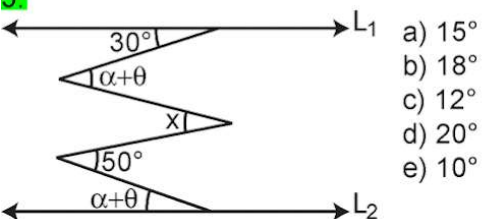
- a) 10°
- b) 8°
- c) 9°
- d) 12°
- e) 15°

4.



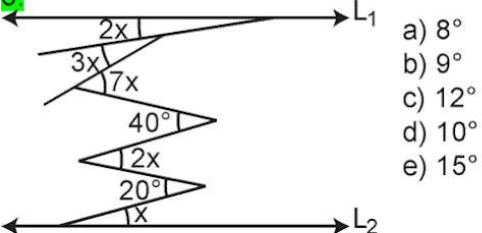
- a) 36°
- b) 8°
- c) 6°
- d) 12°
- e) 24°

5.



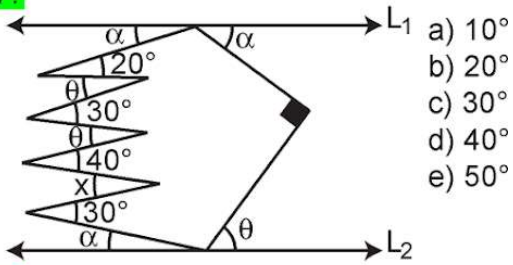
- a) 15°
- b) 18°
- c) 12°
- d) 20°
- e) 10°

6.



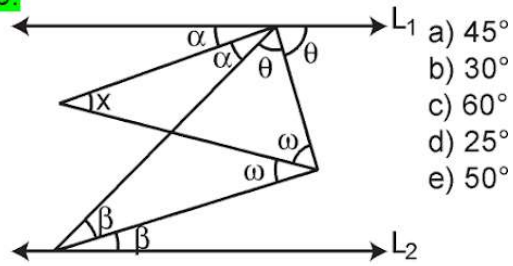
- a) 8°
- b) 9°
- c) 12°
- d) 10°
- e) 15°

7.



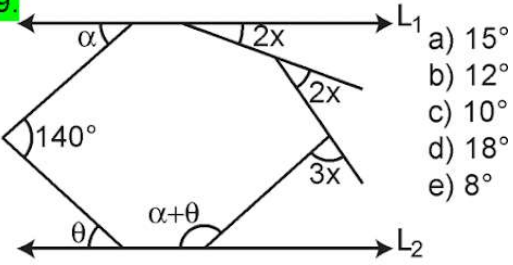
- a) 10°
- b) 20°
- c) 30°
- d) 40°
- e) 50°

8.



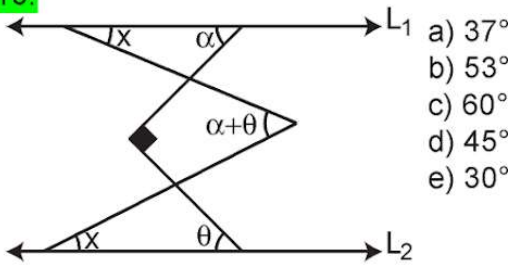
- a) 45°
- b) 30°
- c) 60°
- d) 25°
- e) 50°

9.



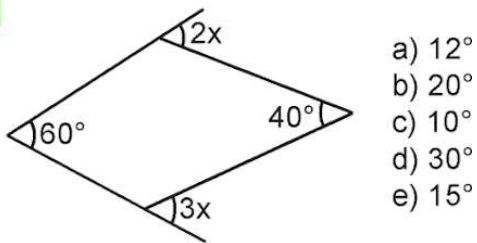
- a) 15°
- b) 12°
- c) 10°
- d) 18°
- e) 8°

10.



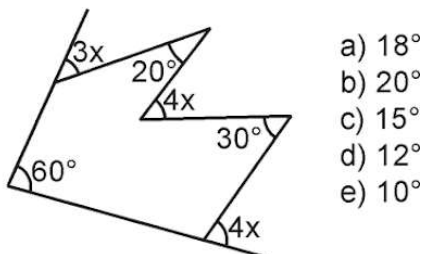
- a) 37°
- b) 53°
- c) 60°
- d) 45°
- e) 30°

11.



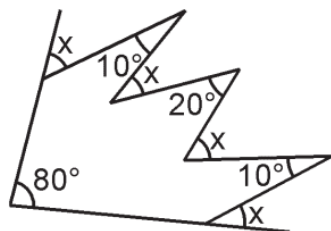
- a) 12°
- b) 20°
- c) 10°
- d) 30°
- e) 15°

12.



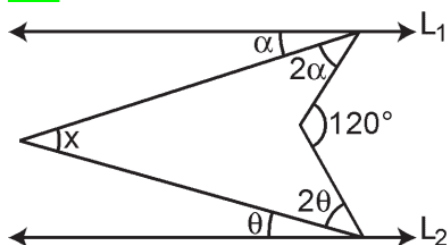
- a) 18°
- b) 20°
- c) 15°
- d) 12°
- e) 10°

13.



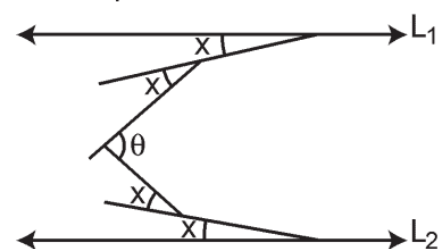
- a) 30°
- b) 20°
- c) 10°
- d) 15°
- e) 12°

14.



- a) 30°
- b) 45°
- c) 15°
- d) 20°
- e) 40°

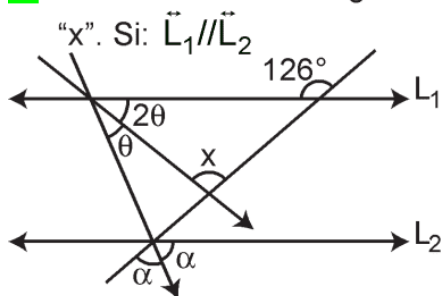
15. Calcule el menor valor entero de "x".
Si: q es obtuso



- a) 60°
- b) 59°
- c) 29°
- d) 23°
- e) 24°

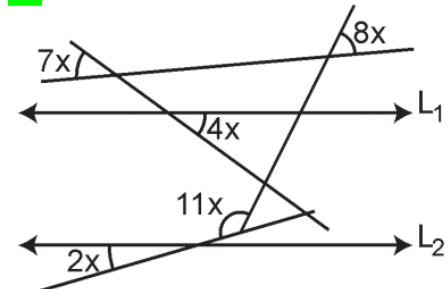
PROBLEMAS PROPUESTOS

1. En cada uno de los gráficos, calcule



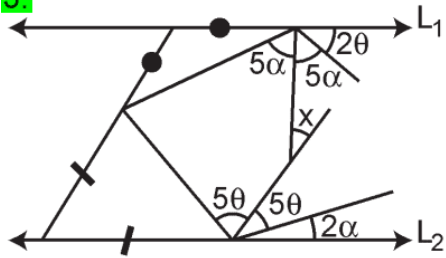
- a) 54°
- b) 84°
- c) 56°
- d) 72°
- e) 90°

2.



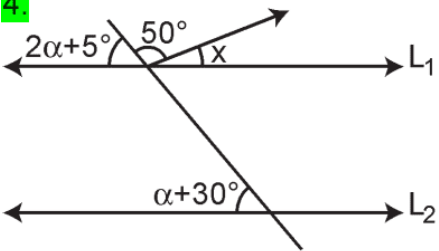
- a) 12°
- b) 8°
- c) 10°
- d) 9°
- e) 6°

3.



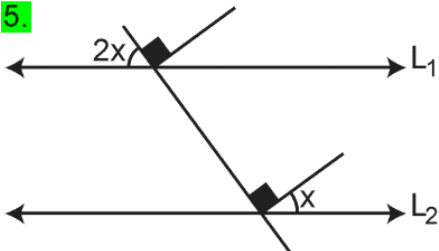
- a) 18°
- b) 36°
- c) 52°
- d) 45°
- e) $22,5^\circ$

4.



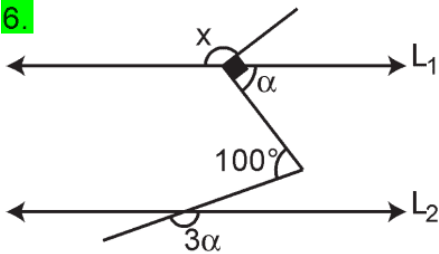
- a) 45°
- b) 55°
- c) 65°
- d) 75°
- e) 35°

5.



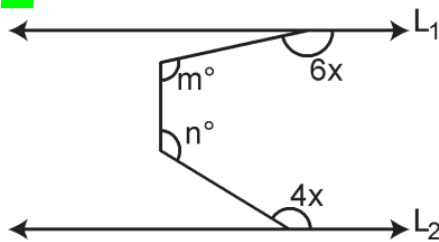
- a) 12°
- b) 18°
- c) 20°
- d) 15°
- e) 30°

6.



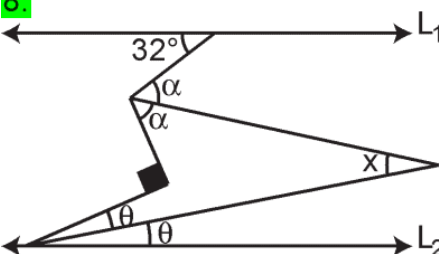
- a) 130°
- b) 140°
- c) 120°
- d) 100°
- e) 110°

7. Si: $m + n = 200^\circ$



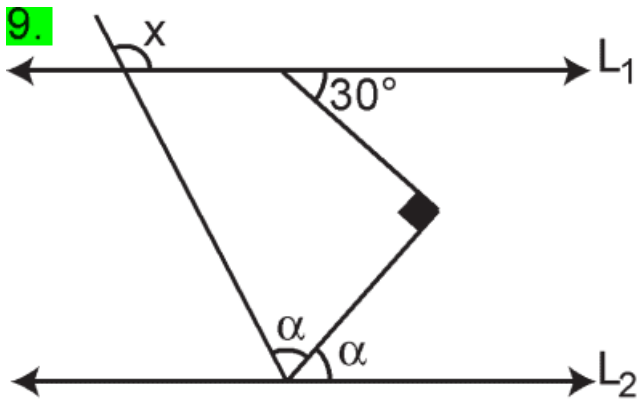
- a) 6°
- b) 32°
- c) 28°
- d) 17°
- e) 34°

8.



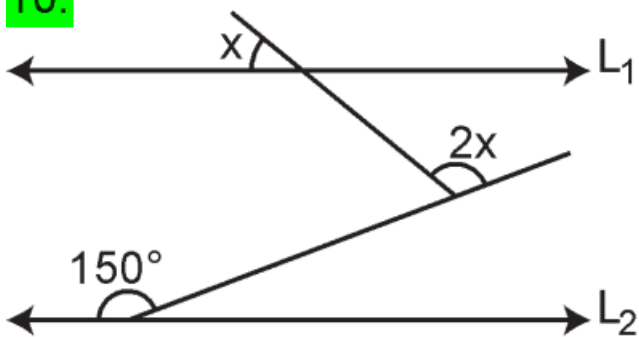
- a) 16°
- b) 14°
- c) 28°
- d) 29°
- e) 32°

9.



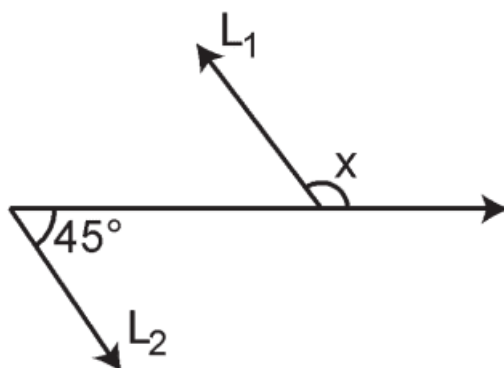
- a) 80°
- b) 60°
- c) 120°
- d) 100°
- e) 70°

10.



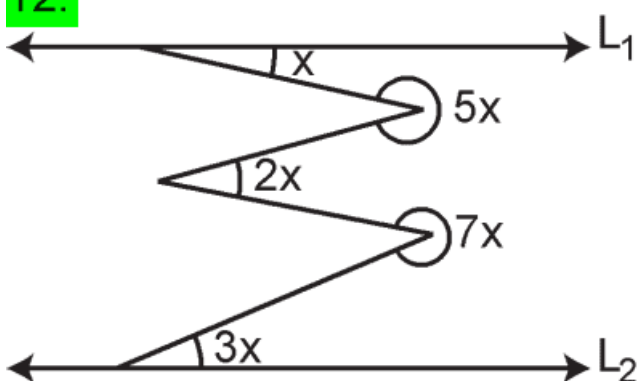
- a) 15°
- b) 35°
- c) 75°
- d) 25°
- e) 50°

11.



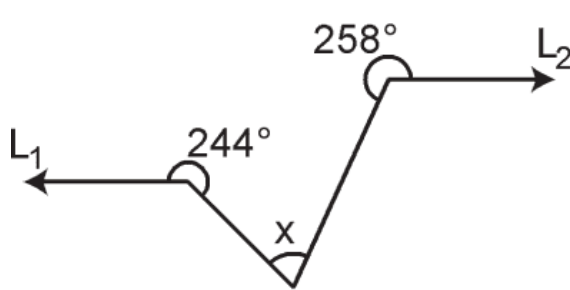
- a) 135°
- b) 145°
- c) 125°
- d) 115°
- e) 105°

12.



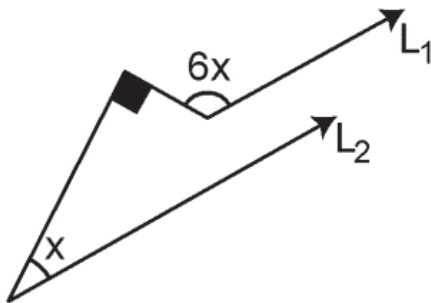
- a) 10°
- b) 20°
- c) 30°
- d) 70°
- e) 40°

13.



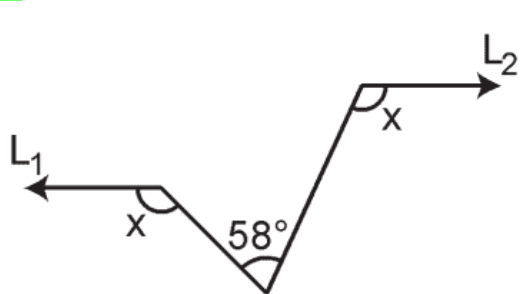
- a) 24°
- b) 32°
- c) 64°
- d) 78°
- e) 38°

14.



- a) 12°
- b) 18°
- c) 15°
- d) 9°
- e) 10°

15.



- a) 119°
- b) 129°
- c) 100°
- d) 104°
- e) 106°

CLAVES				
1.e	2.b	3.e	4.e	5.d
6.e	7.c	8.a	9.c	10.d
11.b	12.e	13.a	14.e	15.d
1.b	2.d	3.e	4.d	5.e
6.a	7.e	8.d	9.c	10.e
11.a	12.e	13.e	14.b	15.a