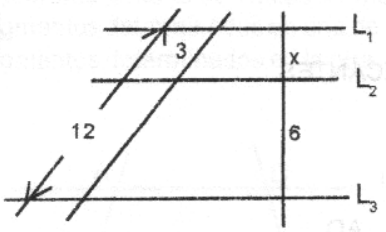
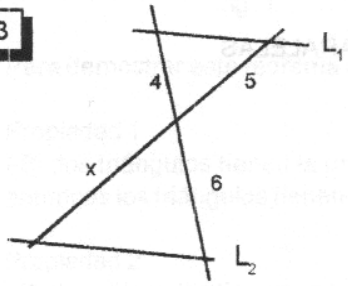
EJERCICIOS TEOREMA DE THALES

En las siguientes situaciones, las rectas: $L_1, L_2, L_{3,...}$ etc. son paralelas. Determine el valor de "x"

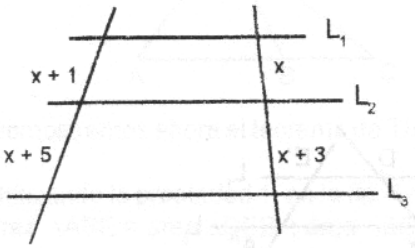
1



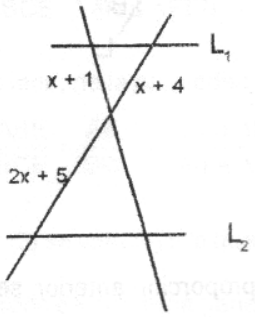
3



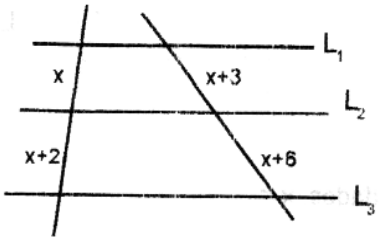
5



7

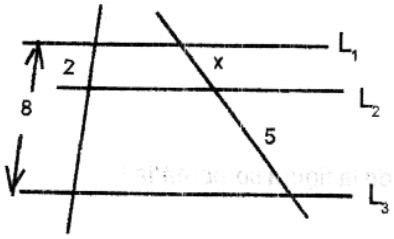


1. Si $L_1 // L_2 // L_3$, entonces x =



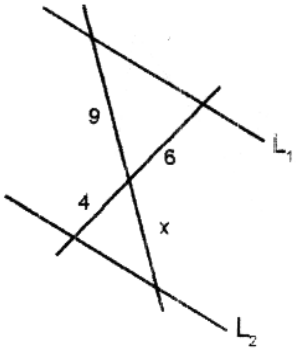
A) 6
B) 8
C) 9
D) 12
E) 14

2. En la figura: $L_1 // L_2 // L_3$, entonces x =



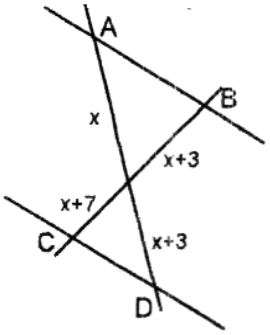
A) 15
B) 20
C) $\frac{3}{5}$
D) $\frac{5}{3}$
E) $\frac{5}{4}$

3. Si $L_1 // L_2$ entonces x =



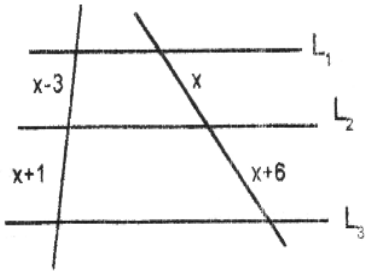
A) 1
B) 4
C) 6
D) 7
E) $\frac{8}{3}$

4. Si $\overline{AB} // \overline{CD}$, entonces x =



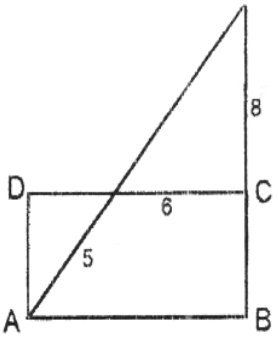
A) 9
B) 12
C) 16
D) 21
E) 28

13. $L_1 // L_2 // L_3$, entonces x =



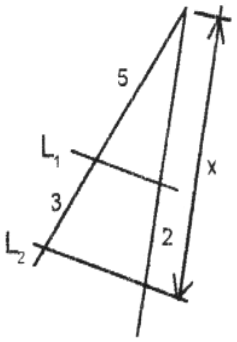
A) 6
B) 9
C) 10
D) 15
E) 24

14. ¿Cuál es el área del rectángulo ABCD?



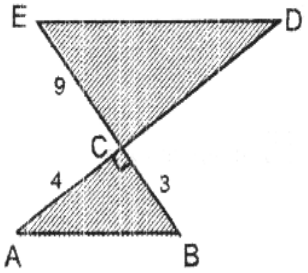
A) 12
B) 18
C) 21
D) 24
E) 36

15. Si $L_1 // L_2$, entonces x =



A) 6
B) $\frac{10}{3}$
C) $\frac{16}{3}$
D) $\frac{16}{5}$
E) 4

16. ¿Cuál es el perímetro de la figura sombreada?



A) 28
B) 36
C) 48
D) 60
E) $\frac{91}{4}$