

data
fecha

D S T Q U S S
D L M M J V S

Tarjeta basica 2

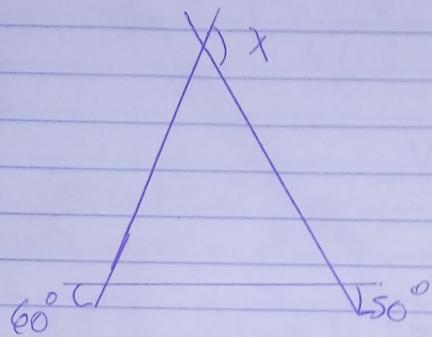
Triángulos

C B 301178X

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Ejercicios

1/



- (A) 100°
(B) 105°
~~(C)~~ 110°
(D) 115°
(E) 120°

$$50 + 60 + 180 - x = 180$$

2/

$$3x + 4x + 5x = 180$$

$$12x = 180$$

$$x = \frac{180}{12}$$

$$\boxed{x = 15}$$

$$3 \cdot 15 = 45^\circ$$

$$4 \cdot 15 = 60^\circ$$

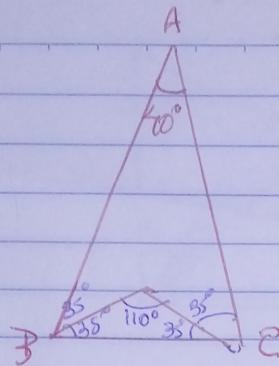
$$5 \cdot 15 = 75^\circ$$

- (A) 125° ~~B) 85°~~ C) 35° (D) 65° ~~(E) 15°~~

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3)



a) 80° (b) 90° (c) 100°

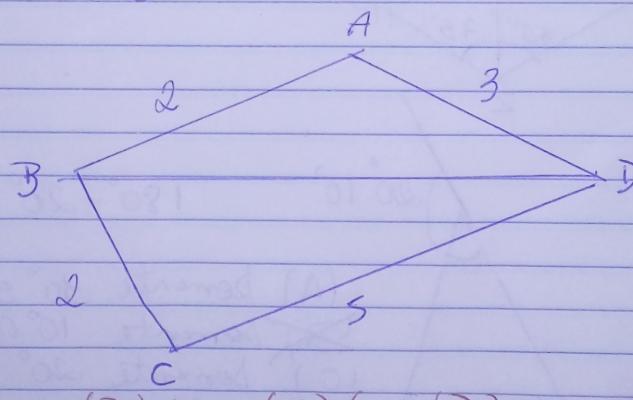
d) 110° (e) 120°

$$35^\circ + 35^\circ + x = 180^\circ$$

$$x = 70 - 180^\circ$$

$$x = 110^\circ$$

4)



$$BD = x$$

$$1 < x < 5$$

$$3 < x < 7$$

$$3 < x < 5$$

$$\boxed{x = 4}$$

(A) 8 (B) 7 (C) 6 (D) 5 ~~(E) 3~~

05)

$$y + x \quad 30 < x + y$$

$$18 < x + z$$

$$16 < y + z$$

$$30 + 18 + 16 < 2x + 2z + 2y$$

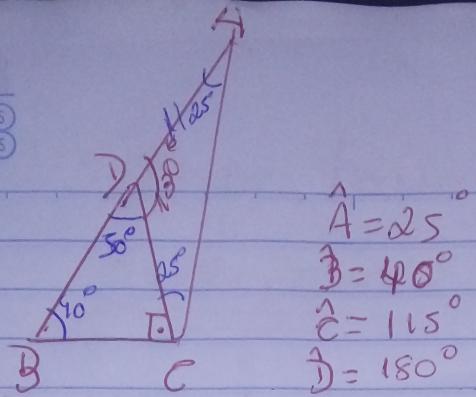
$$64 < 2x + 2z + 2y$$

$$32 < x + z + y$$

a) 25 (b) 27 (c) 29 (d) 31 ~~(e) 33~~

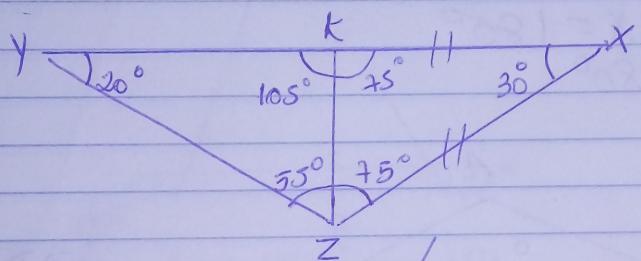
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06

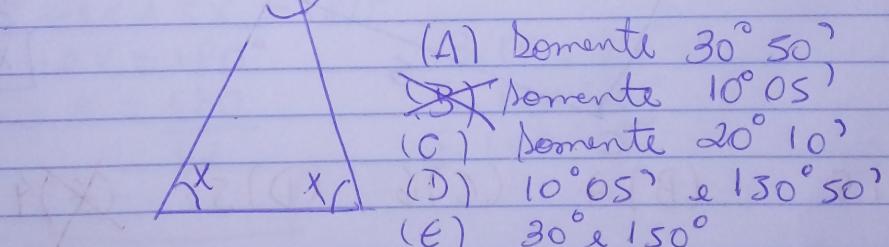


$$\begin{aligned} \hat{A} &= 25^\circ \\ \hat{B} &= 40^\circ \\ \hat{C} &= 115^\circ \\ \hat{D} &= 180^\circ \end{aligned}$$

07



08



- (A) Somente $30^\circ 50'$
- (B) Somente $10^\circ 05'$
- (C) Somente $20^\circ 10'$
- (D) $10^\circ 05'$ e $130^\circ 50'$
- (E) 30° e 150°

$$X + X + 159^\circ 50' = 180$$

$$2X + 159^\circ 50' - 159^\circ 50' = 180 - 159^\circ 50'$$

$$2X/2$$

$$X = 180 - 159^\circ 50'$$

$$X = 10^\circ 5'$$

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09
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