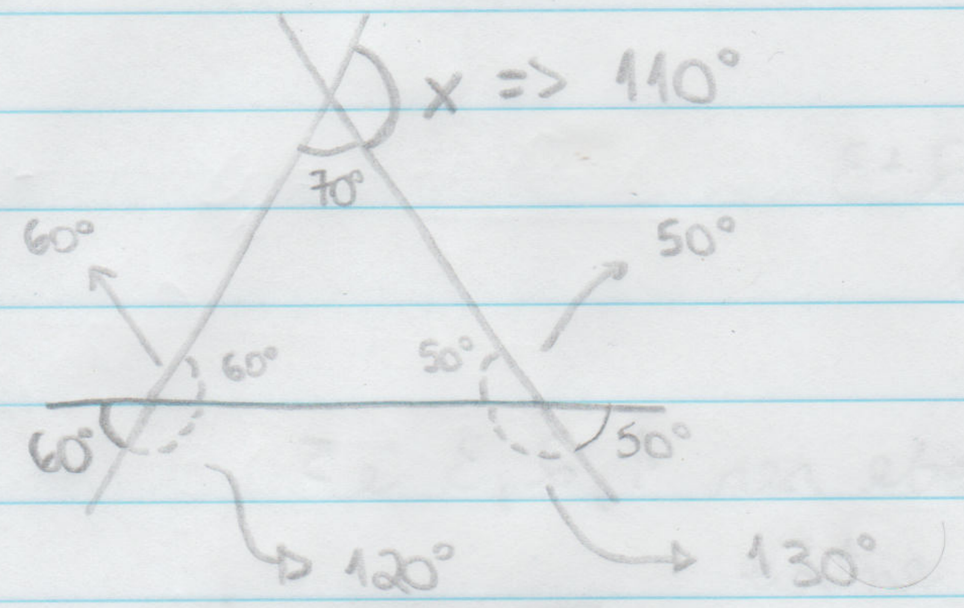
1-



LETRA (C)

2-

$3x + 4x + 5x = 180°$

$12x = 180°$

$x = \frac{180°}{12} \Rightarrow 15°$ LETRA (E)

3-

$40° + 2x = 180°$

$2x = 140°$

$x = \frac{140}{2} = 70°$ //

$\overline{BI}$ => bissetriz

$\overline{CI}$ => bissetriz

logo...

$\frac{70°}{2} = 35°$

ASA DELTA = SOMA DOS ANG°

$35 + 35 + 40° = 110°$ //

LETRA (D)

FORONI

4 -

$2-3 < \overline{BD} < 2+3$

$1 < \overline{BD} < 5$

Não pode ser 1, 2, 3 e 5

então

$\overline{BD} \Rightarrow 4$ / LETRA (E)

5 -

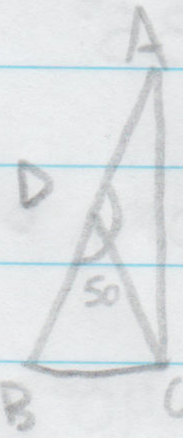
$30 < x+y$ $\quad 18 < x+z$ $\quad 16 < y+z$

$\underline{64 < 2x+2y+2z}$

2

$32 < x+y+z$ → 33 // LETRA (E) //

6 -



$130 + 2x = 180$ | $\hat{B} + y + 90 = 180$ | $A+B+C = 180°$

$2x = 50°$ | $\hat{B} + 50 + 90 = 180$ | $25+40+C = 180$

$x = 25°$ // | $\hat{B} = 180 - 140$ | $C = 115°$ //

$\hat{B} = 40°$ //

$AD = CD$

$CD = BC$

$A\hat{C}D = 130°$

25° / 40° / 115°

7 -

$20 + 105 + a = 180°$

$125 + a = 180°$

$a = 55°$

$105 + B = 180°$

$B = 180 - 105°$

$B = 75°$

$B + B + \alpha = 180°$

$150 + \alpha = 180°$

$\alpha = 180° - 150°$

$\alpha = 30°$ //

$Z = a + B$

$Z = 55 + 75$

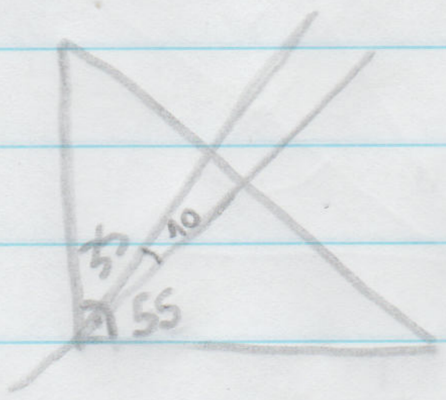
$Z = 130°$

8 -

$20° 10' = 2x$

$x = 10° 5'$ // LETRA (B)

9 -



$55° e 35°$ //