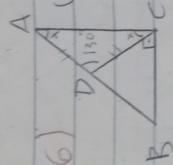


data

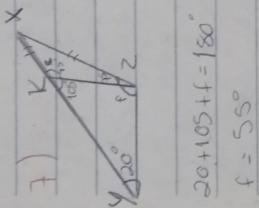
⑤ ① ④ ③ ⑤ ⑥ ⑦



$$6) \begin{cases} A \text{ (isosceles)} \\ \hat{A} = 130^\circ \\ 2x + 2x = 180 \\ 2x = 180 - 130 \\ x = 50^\circ / 2 = 25^\circ \end{cases}$$

$$\begin{cases} \hat{C} = 90 + 25^\circ \\ \hat{C} = 115^\circ \end{cases}$$

$$B \begin{cases} 2x + 115 + y = 180 \\ y = 180 - 140 \\ y = 40^\circ \end{cases}$$



$$7) \begin{cases} \hat{C} = 105 + x \\ \hat{C} = 180^\circ \\ 180^\circ = x + 75 \\ x = 180 - 150 \\ x = 30^\circ \end{cases}$$

$$\begin{cases} \hat{C} = 130^\circ \\ \hat{C} = 55 + 75 = 130^\circ \end{cases}$$

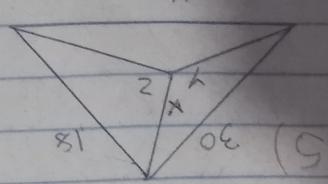
$$20 + 105 + x = 180^\circ$$

$$x = 55^\circ$$

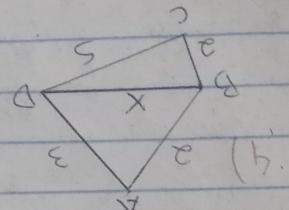
$$8) \begin{cases} X + x = 20^\circ 10' \\ 2x = 20^\circ 10' \\ x = (20^\circ 10') : 2 \\ x = 10^\circ 5' \end{cases}$$

$$\begin{cases} \hat{B} = 30^\circ \\ \text{Letra } B \end{cases}$$

	$30 + 18 + 16 < x + y + z + 2 + 2$
extra E	↑
	$16 < x + z$
$32 < x + y + z$	$18 < y + z$
$64 < 2x + 2y + 2z = 2$	$30 < x + y$

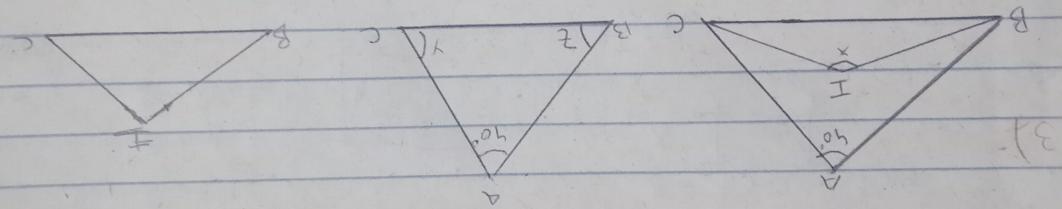


	$16 < x + z$
extra E	$x < 5 + 2 \leftarrow x < 7$
$ABD: x < 3 + 2 \rightarrow x < 5$	$(4 \leq x \leq 7)$

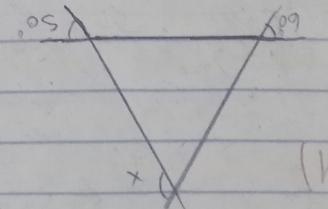


	$16 < x + z$
extra D	$40 - 2x = 180$

$40 - 2x = 180$	$x = 10^\circ$
$40 + y + z = 360$	$-2x = -320$
$40 + y + z = 180 - 40$	$y + z = 140$
$40 + y + z = 180$	$x + y/2 + z/2 = 180 \quad (-2)$
$40 - 2x = 180$	$-2x = -360$



	$x = 180/12 = 15^\circ$
extra E	$12x = 180^\circ$
$3x + 4x + 5x = 180^\circ$	$x = 180^\circ / 12 = 15^\circ$



extra C	$x = 110^\circ$
$x = 60^\circ + 50^\circ$	$x = 110^\circ$

triangle basic