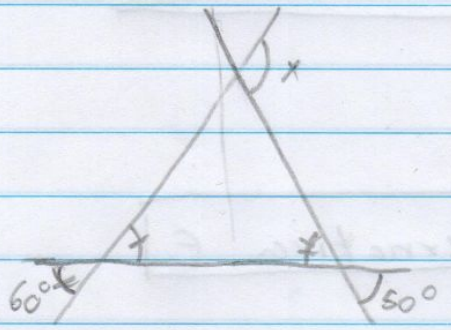
Beatriz Bastos Borges nº 03 CTII 350

Tarefa Básica

1.

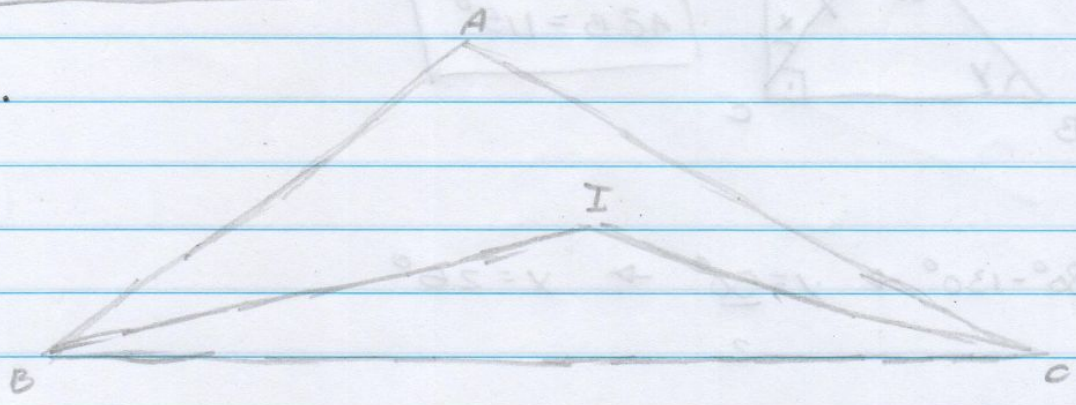


$x = 60° + 50° \rightarrow \boxed{x = 110°}$ | Alternativa C |

2. $3x + 4x + 5x = 180° \rightarrow x = \frac{180°}{12} \rightarrow \boxed{x = 15°}$

| Alternativa E |

3.



$B + C = 180° - 40° = 140°$

$\frac{(B+C)}{2} = \frac{140°}{2} \rightarrow \frac{(B+C)}{2} = 70°$

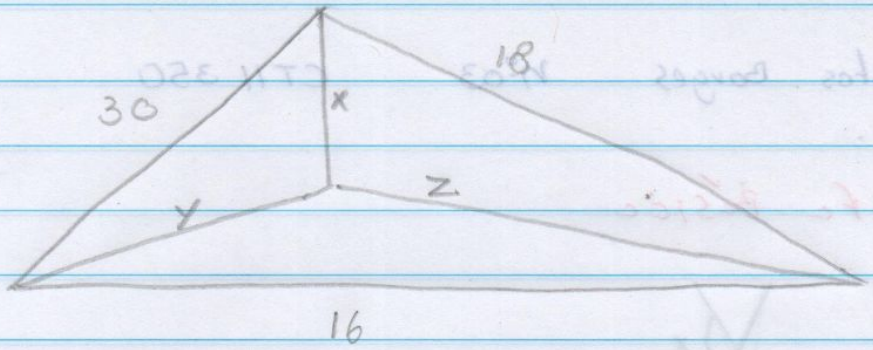
$I = 180° - 70° \rightarrow \boxed{I = 110°}$ | Alternativa D |

4. $\overline{BD} < 2 + 3 \rightarrow \overline{BD} < 5$ $\boxed{\overline{BD} = 4}$

$5 < \overline{BD} + 2 \rightarrow 3 < \overline{BD}$

| Alternativa E |

5.



$18 < x+z$

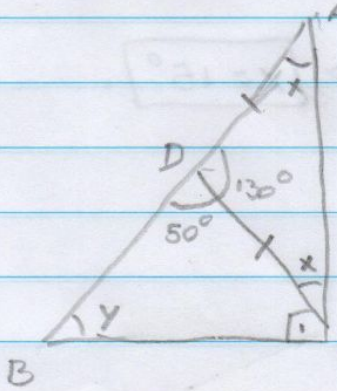
$30 < x+y$

$16 < y+z$

Alternativa E

$64 < 2x+2y+2z \rightarrow \boxed{32 < x+y+z}$

6.



$B\hat{A}C = 25°$

$A\hat{B}C = 40°$

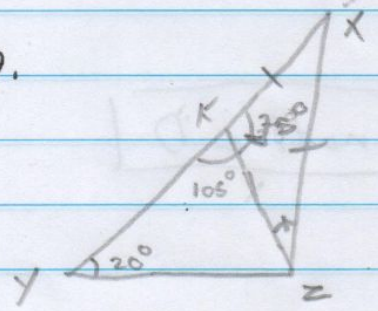
$A\hat{C}B = 115°$

$2y = 180° - 130° \rightarrow y = \frac{50°}{2} \rightarrow y = 25°$

$y = 180° - 140° \rightarrow y = 40°$

$z = 90° + 25 \rightarrow z = 115°$

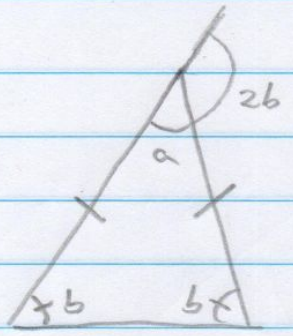
7.



$x = 180° - 150° \rightarrow \boxed{x = 30°}$

$z = 180° - 50° \rightarrow \boxed{z = 130°}$

8.

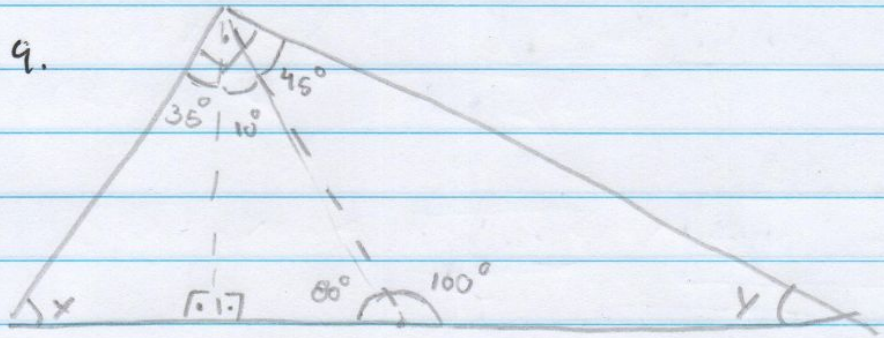


$a + 2b = 180°$

$2b = 20°10' \rightarrow \boxed{b = 10°05'}$

Alternativa B

9.



$x = 180° - 125° \rightarrow \boxed{x = 55°}$

$y = 180° - 145° \rightarrow \boxed{y = 35°}$