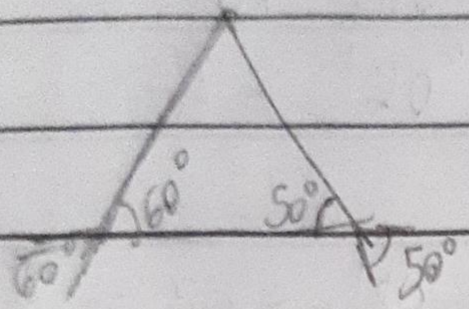
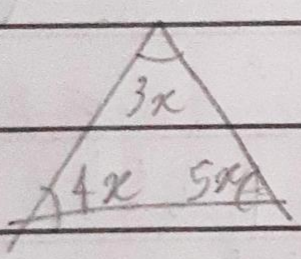
Nome: Victória Ferreira de Souza

Sala: CTII 317

1) $60° + 50° = 110°$ letra C



2)



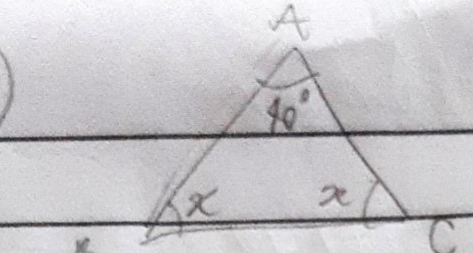
$3x + 4x + 5x = 180°$

$12x = 180°$

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

$x = 15°$ letra E

3)



$40° + x + x = 180°$

$40° + 2x = 180°$

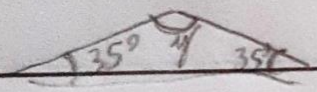
$2x = 180° - 40°$

$2x = 140°$

$x = \frac{140°}{2}$

$x = 70°$

$\frac{70}{2} = 35°$ → bissetriz



$35° + 35° + y = 180°$

$70° + y = 180°$

$y = 180° - 70°$

$y = 110°$ letra D

4)

Tri ABD:

$|2-3| < x < 2+3$

$1 < x < 5$

Tri BCD:

$|2-5| < x < 2+5$

$3 < x < 7$

$3 < x < 5$, $x = 4$ letra E

5) $30 < x + y$

$18 < x + z$

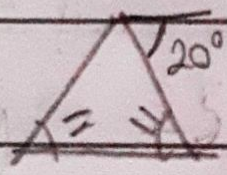
$16 < y + z$

$64 < 2x + 2y + 2z \quad \div 2$

$32 < x + y + z$

Tem que ser maior que 32, então: 33 letra E

8)



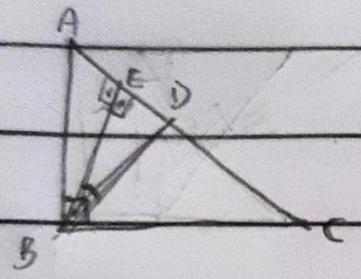
$x + x = 20°10$

$2x = 20°10$

$x = \frac{20°10}{2}$

$x = 10°05$ letra B

9)



$E\hat{D}B = 180° - 10° - 90° = 80°$

$C\hat{D}B = 180° - 80° = 100°$

$D\hat{B}C = 45°$

$D\hat{E}B = 180° - 100° - 45° = 35°$

$C\hat{A}B = 180° - 90° - 35° = 55°$