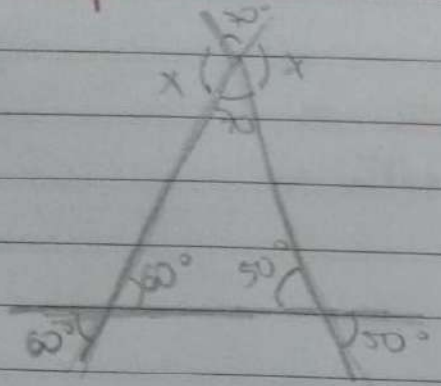
Tarefa Básica - Triângulos

01)



180 - 60 - 50 = 70°

$2x + 70 + 70 = 360°$

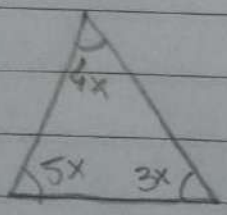
$2x + 140 = 360°$

$2x = 360 - 140$

$x = \frac{220}{2}$

$\boxed{x = 110°}$ R: (C)

02)



$3x + 4x + 5x = 180°$

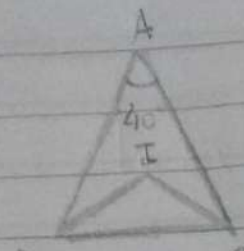
$12x = 180°$

$x = \frac{180°}{12}$

$\boxed{x = 15}$ R: (E)

S T Q Q S S D

03)



$A+B+C=180°$

$40+B+C=180°$

$B+C=180-40°$

$B+C=140°$

Bissetriz $\Rightarrow \frac{140}{2}=70°$

$\triangle BIC$

$I+70°=180°$

$I=180°-70°$

$\boxed{I=110°}$

R: (D)

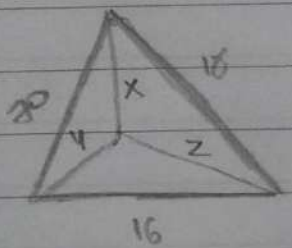
04) $\triangle ABD$ $2+3>x>3-2$

$\triangle BCD$ $2+5>x<5-2$

Condição: $5>x>3$

$\boxed{x=4}=\overline{BD}$ R: (E)

05)



$30<x+y$

$18<x+z$

$16<x+z$

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

$32<x+y+z$

$x+y+z>32 \rightarrow 33$ R: (E)