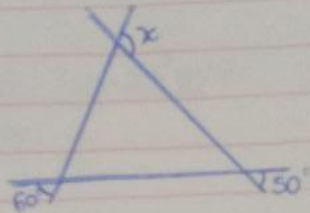


## Tarefa Básica - Triângulos

01)  $x = 60^\circ + 50^\circ$

$x = 110^\circ$ , C //



02)  $3x + 4x + 5x = 180^\circ$

$12x = 180^\circ$

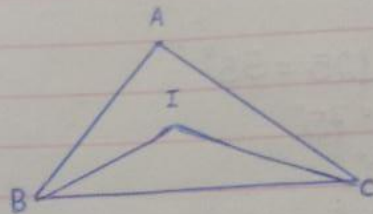
$x = \frac{180}{12} = 15^\circ$ , E //

03)  $ABC + ACB = 180^\circ$

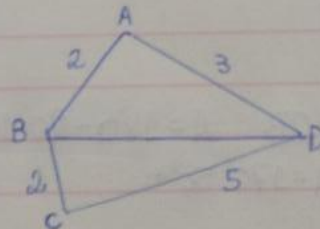
$180^\circ - 40^\circ = 140^\circ$

$IBC + ICB = \frac{140^\circ}{2} = 70^\circ$

$BIC = 180^\circ - 70^\circ = 110^\circ$ , D //



04)  $\frac{2}{2} \times \frac{3}{5} = \frac{2.5 - 2.3}{10 - 6} = \frac{0.2}{4}$ , E //



05)  $x + y > 30$

$x + z > 18$

$y + z > 16$

$2x + 2y + 2z > 64$

$x + y + z > \frac{64}{2} = 32$ , E //

$30 + 18 + 16 = 64$

06)  $\hat{BCD} = 90^\circ$

$\hat{ADC} = 130^\circ$

$\hat{BDC} = 180 - 130 = 50^\circ$

$\hat{DBC} = (90 + 50) - 180 = 40^\circ$

$\hat{CAD} = \hat{ADC} \sim (180 - 130) / 2 = 50 / 2 = 25^\circ$

$C = 90 + 25 = 115^\circ$

$A =$

$B = 40^\circ$

$C = 115^\circ$

07)  $\hat{YZK} = 180 - 125 = 55^\circ$

$\hat{XKZ} = 180 - 105 = 75^\circ$

$\hat{Z} = 55 + 75 = 130^\circ$

$\hat{X} = 180 - 150 = 30^\circ$

08)  $A + 2B = 180^\circ$

$20^\circ 10' = 2B$

$B = 10^\circ 5' \quad A = 180 - 2B \quad A = 180 - 20^\circ 10' +$

$180^\circ = 179^\circ 60' \quad A = 170^\circ 50' +$

$10^\circ 50' \quad B$

09)  $45^\circ + 10^\circ = 55^\circ$

$90 - 55 = 35^\circ$