

Prof.: L. Santos

Data: 11 de março de 2019

Q1. O triângulo  $ABC$  é isósceles de base  $\overline{BC}$ . Calcule o valor de  $x$  na figura 1:

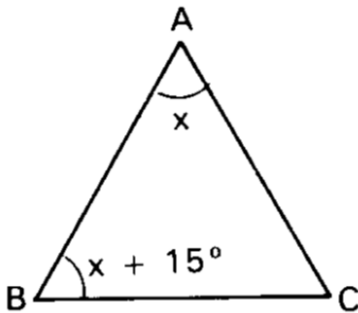


Figura 1

Q2. O triângulo  $ABC$  é isósceles de base  $\overline{BC}$ . Calcule o valor de  $x$  na figura 2:

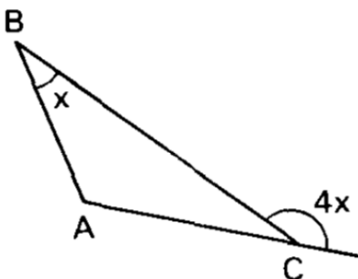


Figura 2

Q3. O triângulo  $ABC$  é isósceles de base  $\overline{BC}$ . Calcule o valor de  $x$  na figura 3:

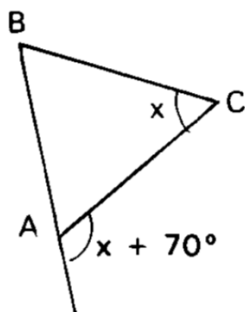


Figura 3

Q4. Calcule o valor de  $x$  na figura 4, considerando que marcas iguais correspondem a segmentos congruentes:

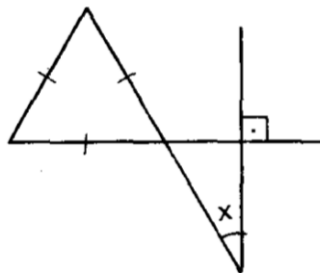


Figura 4

Q5. Calcule o valor de  $x$  na figura 5, considerando que marcas iguais correspondem a segmentos congruentes:

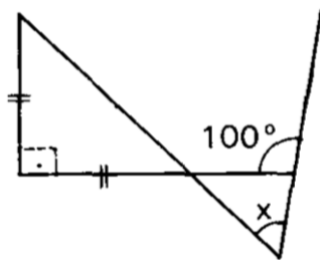


Figura 5

Q6. Calcule o valor de  $x$  na figura 6, considerando que marcas iguais correspondem a segmentos congruentes:

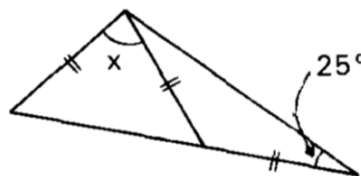


Figura 6

Q7. Calcule o valor de  $x$  na figura 7, considerando que  $AB = AC$  e que marcas iguais correspondem a segmentos congruentes:

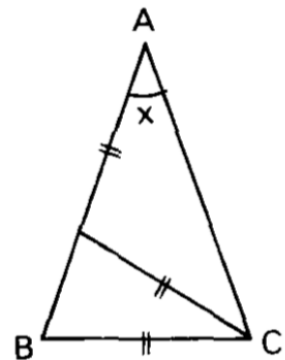


Figura 7

Q8. Calcule o valor de  $x$  na figura 8, considerando que marcas iguais correspondem a segmentos congruentes:

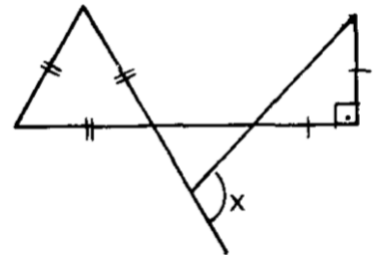


Figura 8

Q9. Calcule o valor de  $x$  na figura 9, considerando que marcas iguais correspondem a segmentos congruentes:

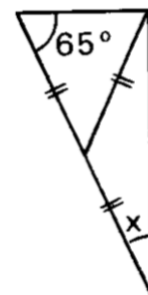


Figura 9

Q10. Calcule o valor de  $x$  na figura 10, considerando que marcas iguais correspondem a segmentos congruentes:

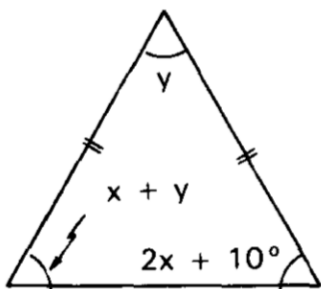


Figura 10

Q11. Calcule o valor de  $x$  na figura 11, considerando que marcas iguais correspondem a segmentos congruentes:

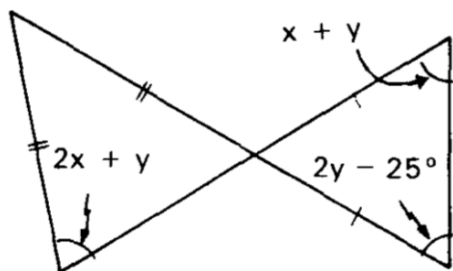


Figura 11

Q12. Na figura 12,  $\overline{ED}$  é paralela a  $\overline{BC}$ . Sendo  $\widehat{BAE}$  igual a  $80^\circ$  e  $\widehat{ABC}$  igual a  $35^\circ$ , calcule a medida de  $\widehat{ED}$ .

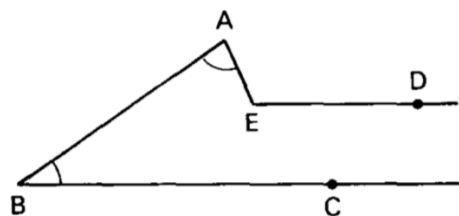


Figura 12

Q13. Calcule  $x$  e  $y$ , sendo  $r \parallel s$  na figura 13.

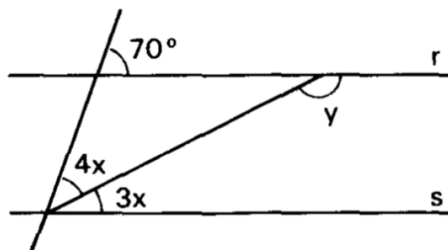


Figura 13

Q14. Calcule  $x$ , sendo  $r \parallel s$  na figura 14.

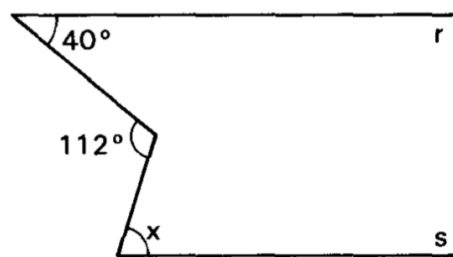


Figura 14

Q15. Se  $r \parallel s$ , calcule  $\alpha$  na figura 15.

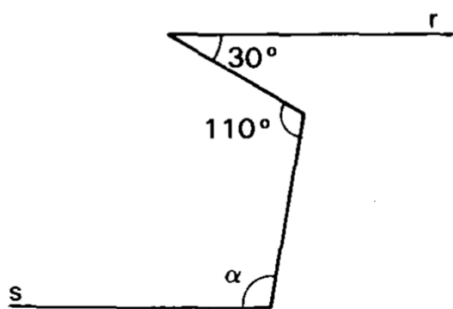


Figura 15

Q16. Se  $r \parallel s$ , calcule  $\alpha$  na figura 16.

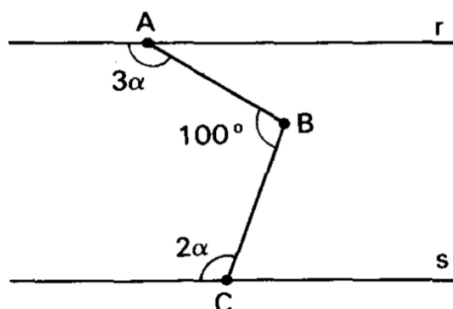


Figura 16

Q17. Se  $r \parallel s$ , calcule  $\alpha$  na figura 17.

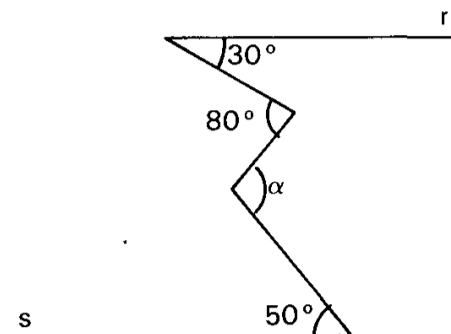


Figura 17

Q18. Na figura 18,  $\overline{AB}$  é paralela a  $\overline{CD}$ . Sendo  $\widehat{CDB} = 150^\circ$  e  $\widehat{ABC} = 25^\circ$ , calcule  $\widehat{CBD}$  na figura 18.

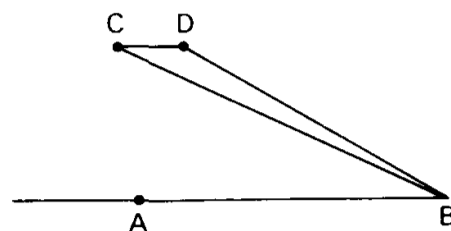


Figura 18

GABARITO RETAS PARALELAS III

- |                                      |                                       |
|--------------------------------------|---------------------------------------|
| Q1. $50^\circ$                       | Q11. $x = 15^\circ$ e $y = 40^\circ$  |
| Q2. $36^\circ$                       | Q12. $105^\circ$                      |
| Q3. $70^\circ$                       | Q13. $x = 10^\circ$ e $y = 150^\circ$ |
| Q4. $30^\circ$                       | Q14. $72^\circ$                       |
| Q5. $55^\circ$                       | Q15. $100^\circ$                      |
| Q6. $80^\circ$                       | Q16. $52^\circ$                       |
| Q7. $36^\circ$                       | Q17. $100^\circ$                      |
| Q8. $105^\circ$                      | Q18. $5^\circ$                        |
| Q9. $25^\circ$                       |                                       |
| Q10. $x = 30^\circ$ e $y = 40^\circ$ |                                       |