

RETAS PARALELAS I

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Q1. Sendo $a \parallel b$, calcule x na figura 1:

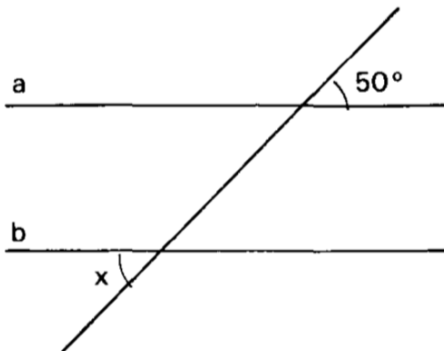


Figura 1

Q2. Sendo $a \parallel b$, calcule x na figura 2:

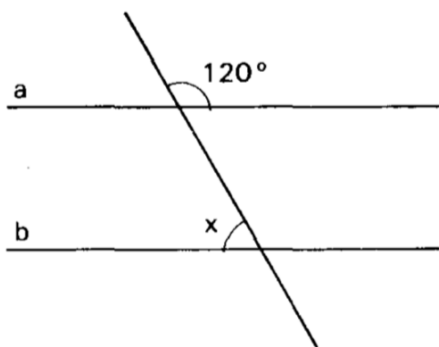


Figura 2

Q3. Sendo $r \parallel s$, calcule x na figura 3:

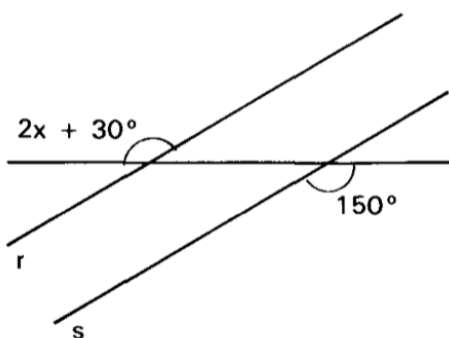


Figura 3

Q4. Sendo $r \parallel s$, calcule x na figura 4:

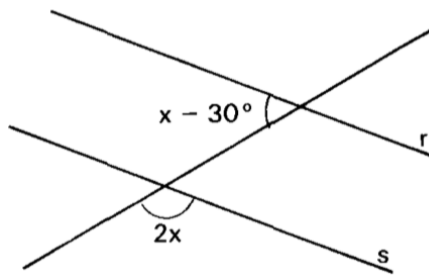


Figura 4

Q5. As retas r e s são paralelas. Calcule x e y na figura 5.

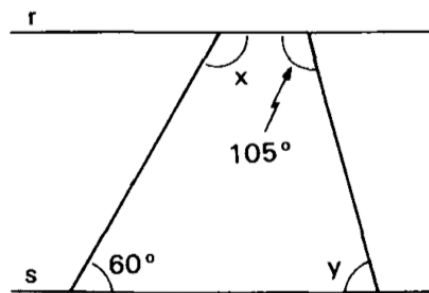


Figura 5

Q6. As retas r e s são paralelas. Calcule x e y na figura 6.

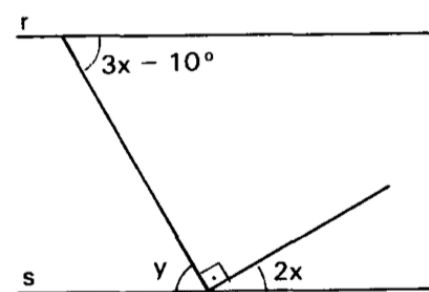


Figura 6

Q7. Na figura 7, sendo $a \parallel b$, calcule $\alpha + \beta - \gamma$.

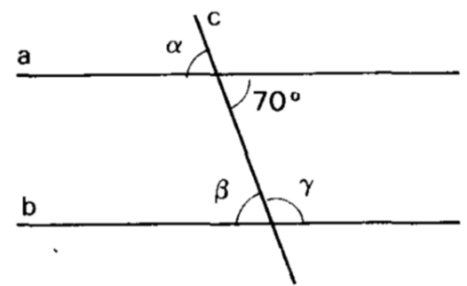


Figura 7

Q8. A soma dos quatro ângulos agudos formados por duas retas paralelas cortadas por uma reta transversal é igual a 80° . Calcule o ângulo obtuso.

Q9. Sendo $a \parallel b$, calcule x na figura 8.

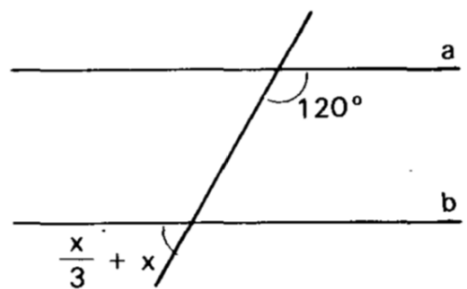


Figura 8

Q10. Na figura 9, sendo $r \parallel s$, calcule x e y .

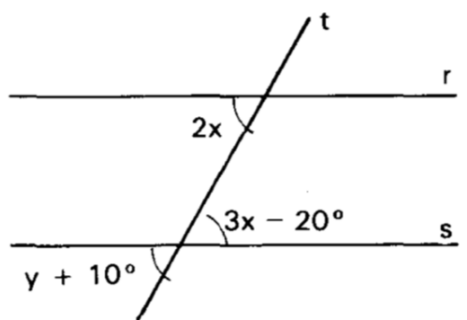


Figura 9

Q11. Calcule $x+y$, sendo $r \parallel s$ e $t \parallel v$ na figura 10.

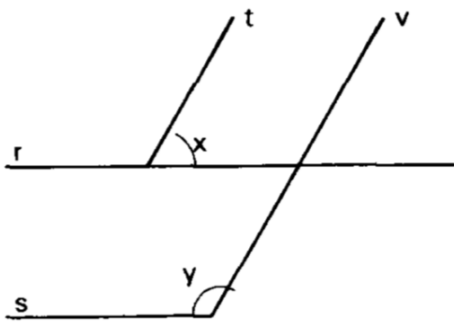


Figura 10

Q14. Calcule x na figura 13:

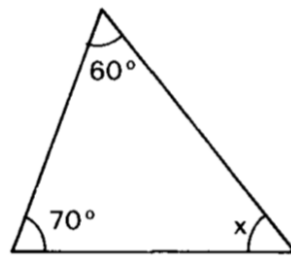


Figura 13

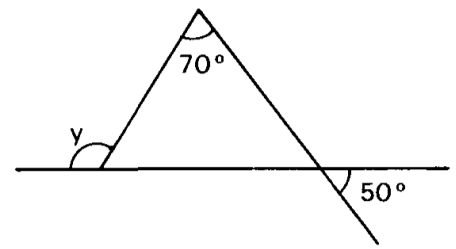


Figura 16

Q12. As retas r e s são paralelas. Calcule x , y e z na figura 11.

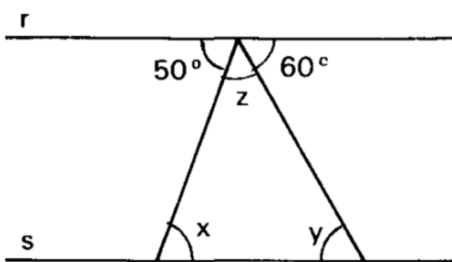


Figura 11

Q15. Calcule x na figura 14:

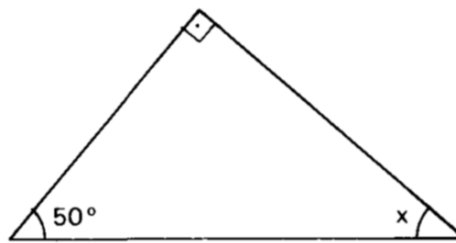


Figura 14

Q18. Calcule x na figura 17:

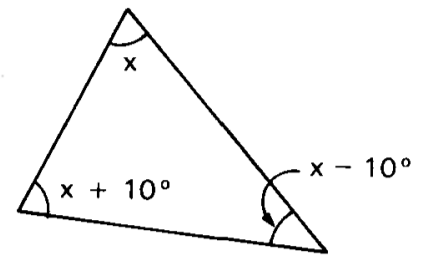


Figura 17

Q13. As retas r e s são paralelas. Calcule x , y e z na figura 12.

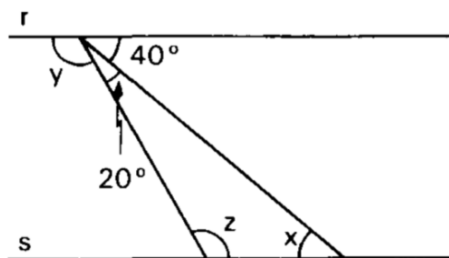


Figura 12

Q16. Calcule y na figura 15:

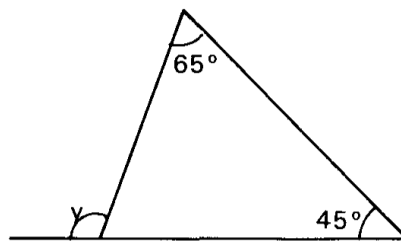


Figura 15

Q19. Calcule x na figura 18:

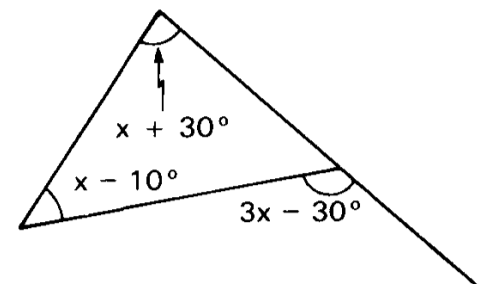


Figura 18

Q17. Calcule y na figura 16:

GABARITO RETAS PARALELAS I

Q1. 50°

Q2. 60°

Q3. 60°

Q4. 70°

Q5. $x = 120^\circ$ e $y = 75^\circ$

Q6. $x = 20^\circ$ e $y = 50^\circ$

Q7. 30°

Q8. 160°

Q9. 45°

Q10. $x = 20^\circ$ e $y = 30^\circ$

Q11. 180°

Q12. $x = 50^\circ$, $y = 60^\circ$ e $z = 70^\circ$

Q13. $x = 40^\circ$, $y = 120^\circ$ e $z = 120^\circ$

Q14. $x = 50^\circ$

Q15. $x = 40^\circ$

Q16. $y = 110^\circ$

Q17. $y = 120^\circ$

Q18. $x = 60^\circ$

Q19. $x = 50^\circ$