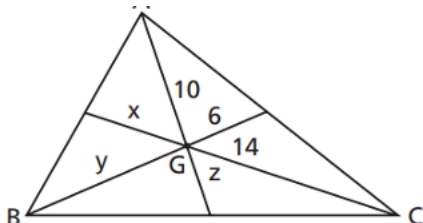


Aluno (a):

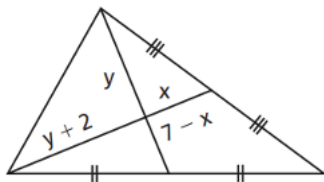
Nº

01. Sendo G o baricentro do triângulo ABC, determine x, y e z. (AG = 10, BG = y e CG = 14)

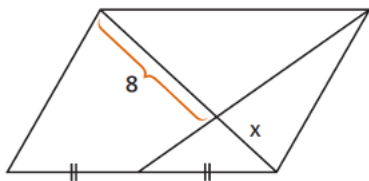


02. Considerando congruentes os segmentos com “marcas iguais”, determine valores das incógnitas nos casos:

a)



b)



03. Determine, de preferência sem usar a fórmula, a soma dos ângulos internos de um:

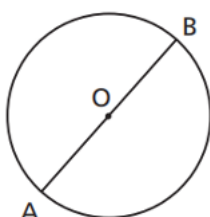
a) Pentágono convexo:

b) Hexágono convexo:

04. Calcule a soma dos ângulos internos de um eneágono.

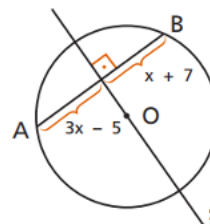
05. Determine o polígono que tem 9 diagonais distintas.

06. Determine o raio do círculo de centro O.
Dados: AB = 3x - 3 e AO = x + 3.

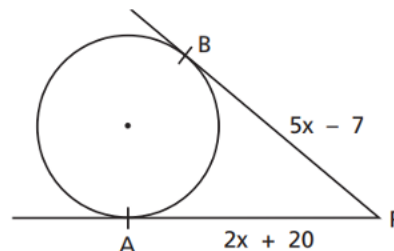


07. Determine o valor de x nos casos:

a) s é perpendicular a $\overline{AB}$.

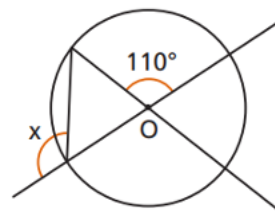


b) $\overline{PA}$ e $\overline{PB}$ são tangentes à circunferência.

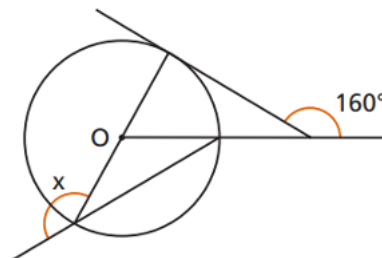


08. Determine o valor de x, sendo O o centro da circunferência nos casos:

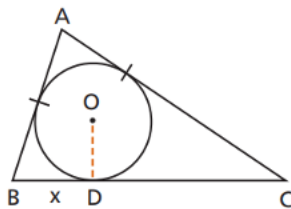
a)



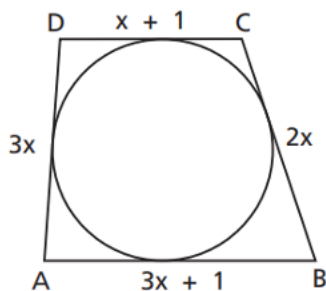
b)



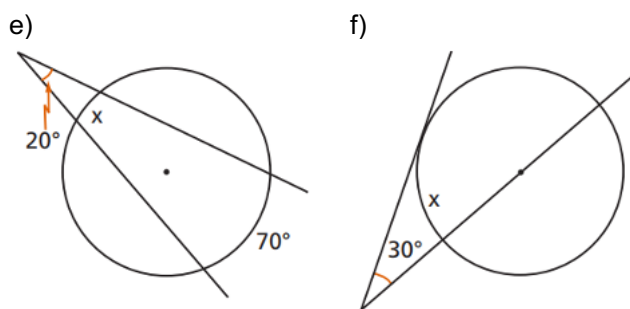
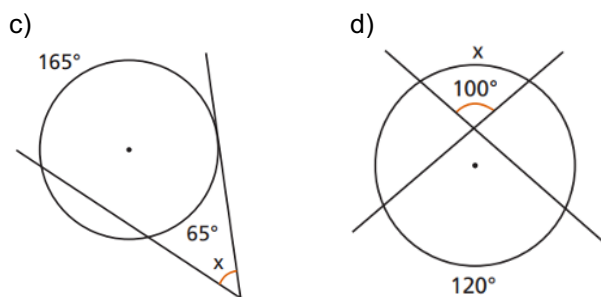
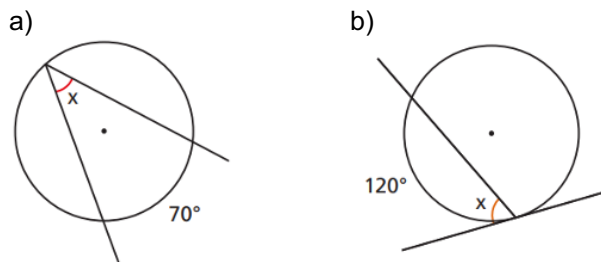
09. Na figura a seguir, determine a medida do segmento $\overline{BD}$, sabendo que a circunferência de centro O está inscrita no triângulo ABC, e que os lados $\overline{AB}$, $\overline{BC}$ e $\overline{AC}$ medem respectivamente 6cm, 8cm e 10cm.



10. Determine o perímetro do quadrilátero ABCD, circuncritível, da figura. ($AB = 3x+1$, $BC = 2x$, $CD = x+1$ e $DA = 3x$)



11. Determine o valor do ângulo x nos casos.



12. Determine o valor de x em cada caso a seguir, sendo r , s e t retas paralelas.

