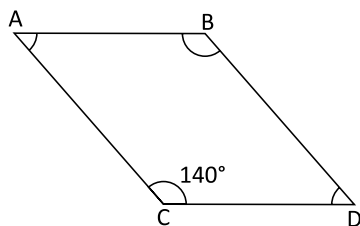
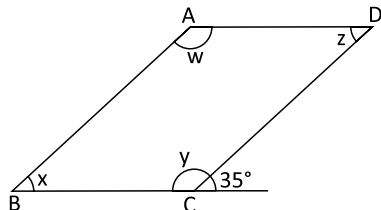


B

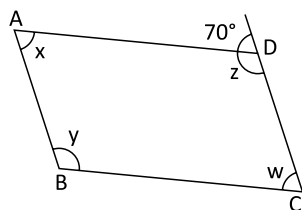


03 Calcule o valor de, y, z e w nos paralelogramos abaixo:

A

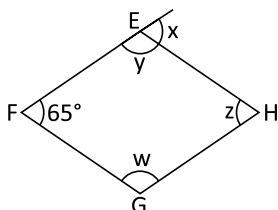


B

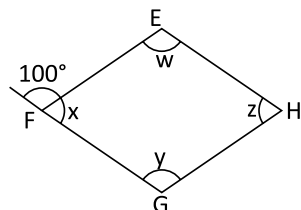


04 Calcule o valor de x, y, z e w nos losangos abaixo:

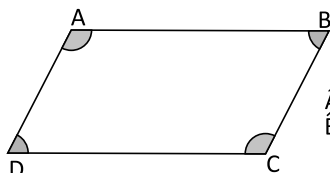
A



B

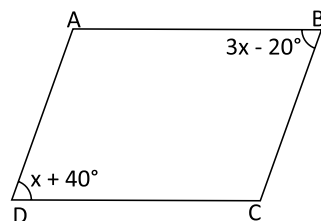


05 Observe a ilustração e calcule o valor de x nos paralelogramos abaixo:

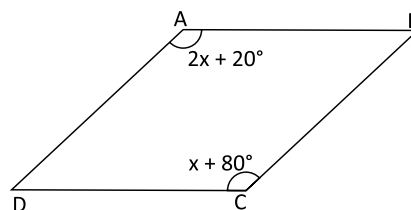


$\hat{A} \equiv \hat{C}$ (ângulos opostos)
 $\hat{B} \equiv \hat{D}$ (ângulos opostos)

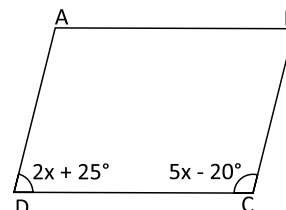
A



B



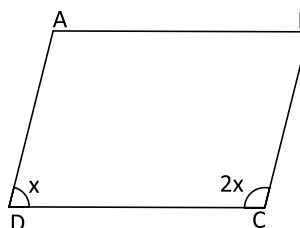
06 Observe o exemplo e calcule x nos paralelogramos seguinte:



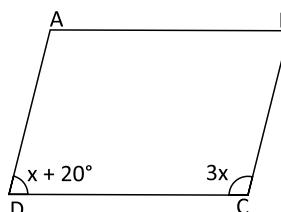
Os ângulos consecutivos são suplementares. Então:

$$\begin{aligned} 2x + 25^\circ + 5x - 20^\circ &= 180^\circ \\ 7x &= 180^\circ - 25^\circ + 20^\circ \\ 7x &= 175^\circ \\ x &= 25^\circ \end{aligned}$$

A

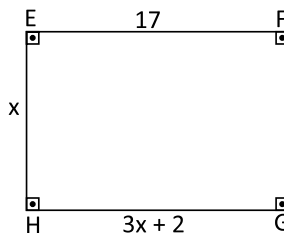


B

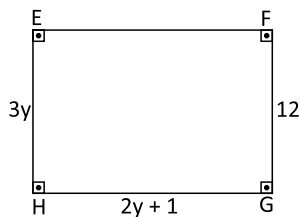


07 Determine o perímetro dos retângulos:

A

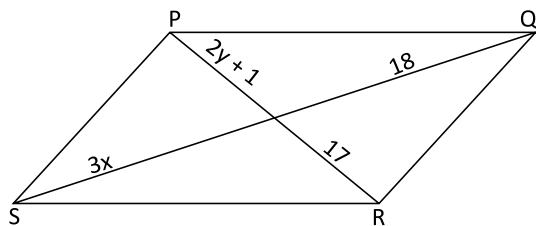


B

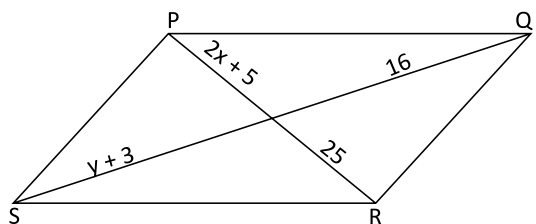


08| Sabendo que as diagonais de um paralelogramo se encontram no ponto médio, determine x e y :

A



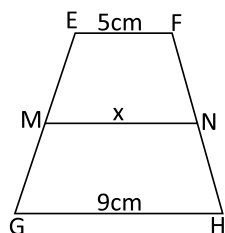
B



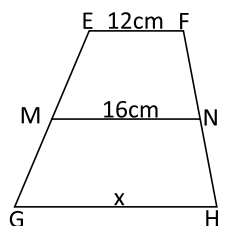
REFORÇO 1

01| Determine x , sendo $\overline{MN}$ a base média dos trapézios.

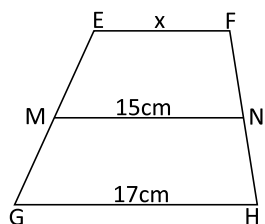
A



B



C

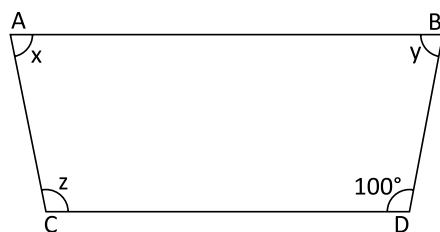


02| Calcule x , y e z nos trapézios isósceles abaixo:

A

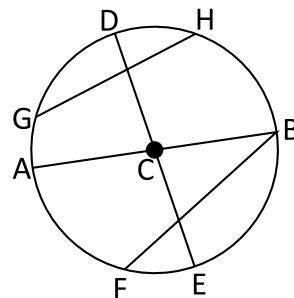


B



CIRCUNFERÊNCIA E CÍRCULO

01| Na circunferência dada, identifique:

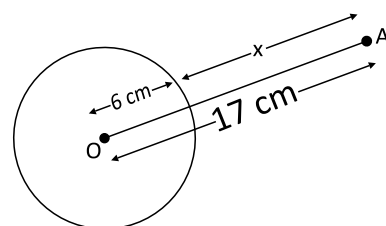


- A o centro
- B os raios.
- C as cordas.
- D os diâmetros.

02| Determine:

- A O diâmetro de uma circunferência cujo raio mede 3,5cm.
- B O raio de uma circunferência cujo diâmetro mede 19cm.

03| Observe a figura e calcule x .



04| Numa circunferência de raio $2x - 3$ e diâmetro 30cm, determine x .

REFORÇO 1

01| Na figura, identifique as retas:

