



# MATEMÁTICA - 3º CICLO



FICHA

12



## Geometria

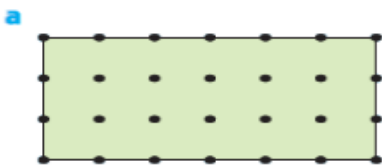
Perímetros de Polígonos. Perímetro de um círculo.

Nome: \_\_\_\_\_ N.º: \_\_\_\_\_ Ano: \_\_\_\_ Turma: \_\_\_\_

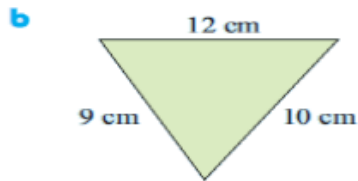
Data: \_\_\_\_ / \_\_\_\_ / 20\_\_

O **perímetro de um polígono** é a soma da medida dos comprimentos de todos os lados.

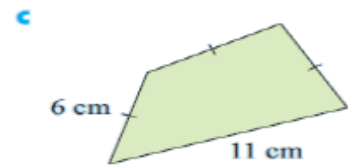
Exemplos:



**a**      **Perímetro**  
 $= 6 + 3 + 6 + 3$   
 $= 18$



**b**      **Perímetro**  
 $= 9 + 10 + 12 \text{ cm}$   
 $= 31 \text{ cm}$

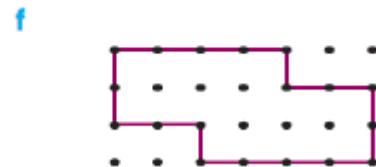
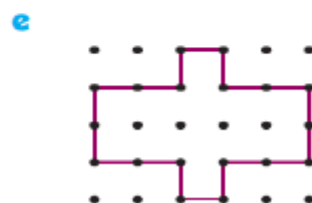
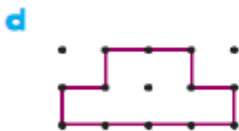
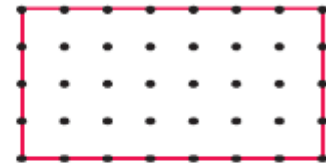
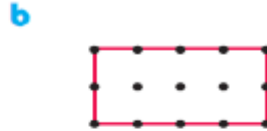


**c**      **Perímetro**  
 $= 11 + (3 \times 6) \text{ cm}$   
 $= 11 + 18 \text{ cm}$   
 $= 29 \text{ cm}$

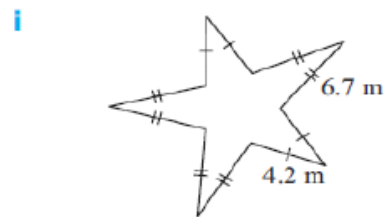
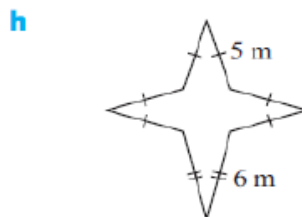
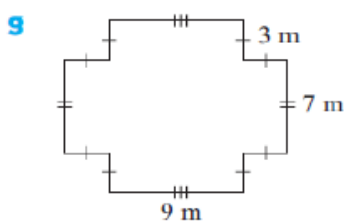
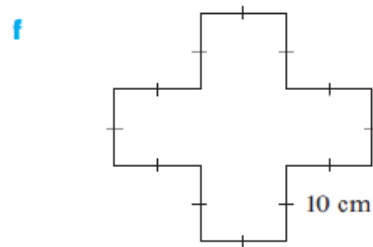
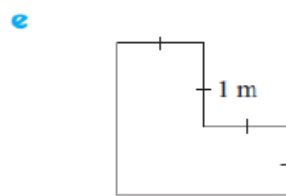
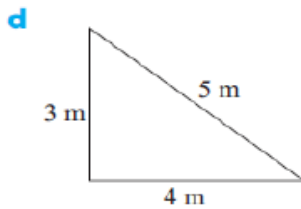
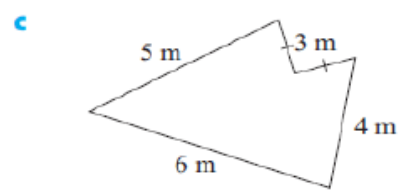
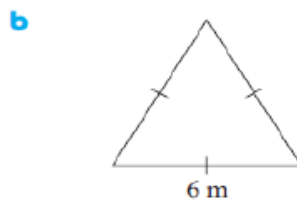
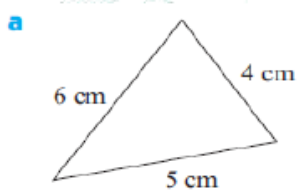


### Exercícios:

1. Determina o perímetro das seguintes figuras:



2. Determina o perímetro das figuras seguintes:



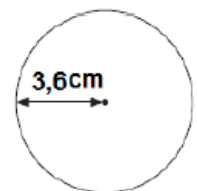
O **perímetro de um círculo** corresponde ao comprimento da linha circular que circunda o círculo, ou seja,

$$P = 2\pi r, \text{ onde } \pi = 3,14159... \text{ e } r \text{ é o raio do círculo}$$

Exemplo:

Considerando  $\pi = 3,14$ , determina o perímetro do círculo de raio  $r = 3,6\text{ cm}$

Perímetro:  $P = 2\pi r$   
 $= 2 \times 3,14 \times 3,6 \text{ cm}$   
 $= 22,6 \text{ cm}$



 **Exercícios:**

3. Determina o perímetro de cada um dos círculos:

