



**COLÉGIO DE APLICAÇÃO DOM HÉLDER CÂMARA**

EXERCÍCIO COMPLEMENTAR I

DISCIPLINA: MATEMÁTICA

ALUNO (A): \_\_\_\_\_ DATA PARA ENTREGA: \_\_\_\_/\_\_\_\_/\_\_\_\_

SÉRIE: 6º ANO



Caderno 1.

**MATEMÁTICA** – Página 35, exercícios 1 ao 3; Página 88, exercícios 6, 7 e 9.

**GEOMETRIA** – Páginas 138 e 139.

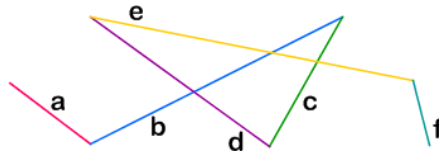
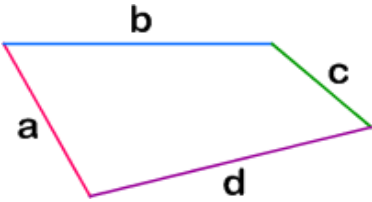


Caderno 2

**MATEMÁTICA** – Página 71, exercícios 1 ao 3; Página 72, exercícios 4 e 5.

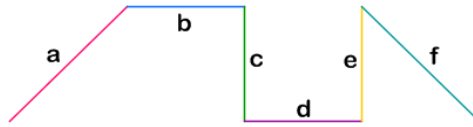
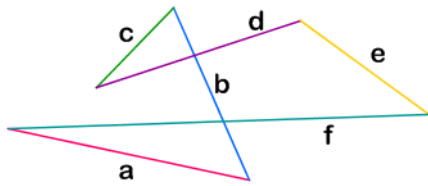
**GEOMETRIA:**

1. Dados os poligonais abaixo, **classifique-os**.



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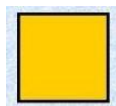
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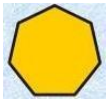
2. Abaixo estão distribuídos polígonos. **Associe** a cada um o seu respectivo nome.



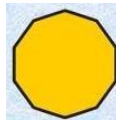
HEXÁGONO



PENTÁGONO

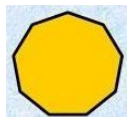


DECÁGONO



OCTÓGONO

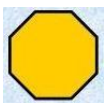
HEPTÁGONO



TRIÂNGULO



QUADRADO



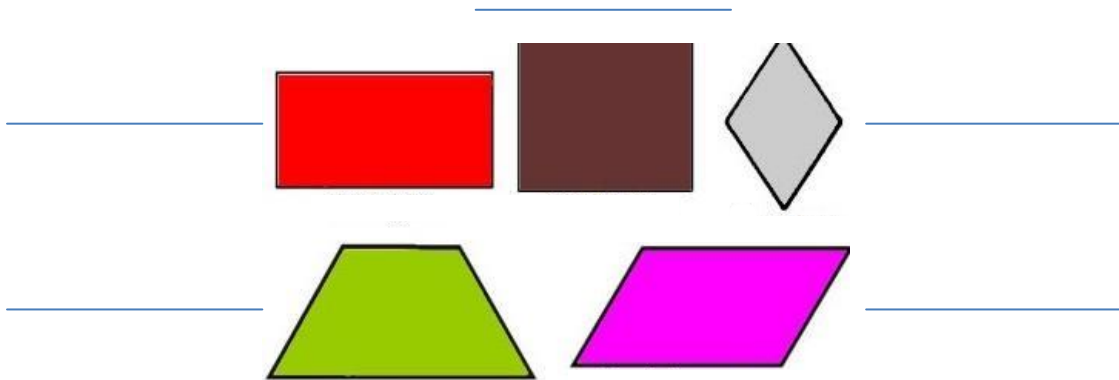
ENEÁGONO



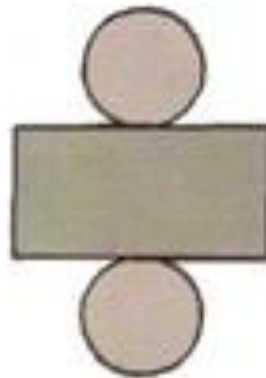
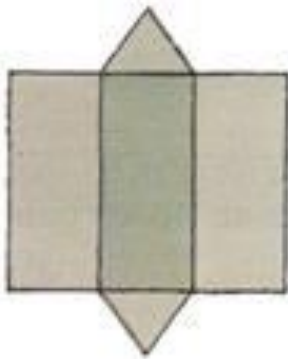
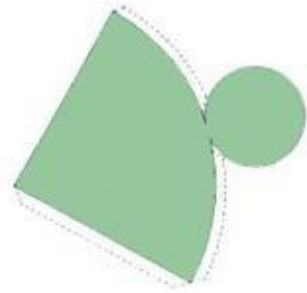
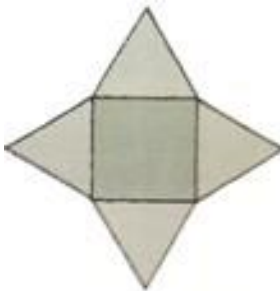
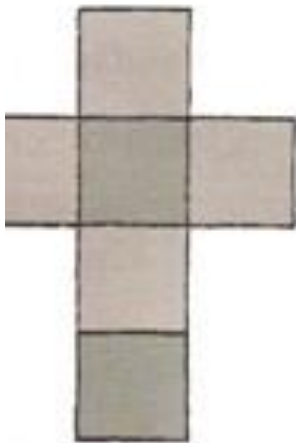
3. **Desenhe** nos espaços abaixo um polígono simples e um polígono não simples.

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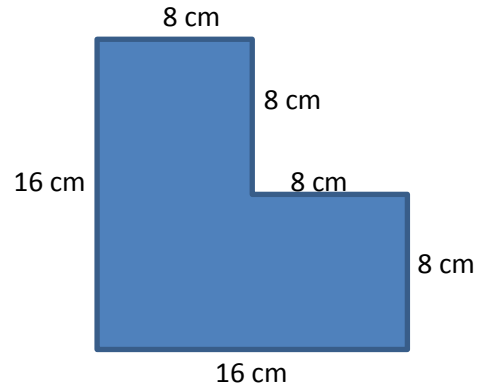
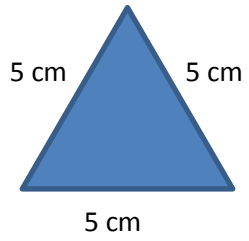
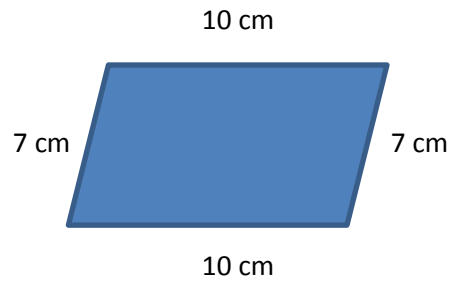
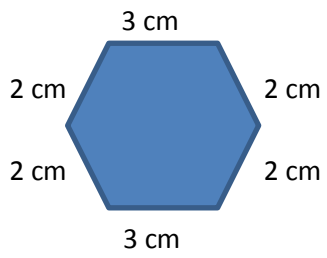
4. **Nomeie** os quadriláteros.



5. As imagens a seguir são sólidas com bases poligonais. **Identifique** cada objeto com seu respectivo nome.



6. **Calcule** o perímetro dos polígonos.

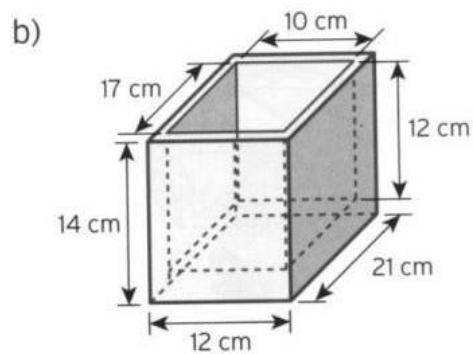
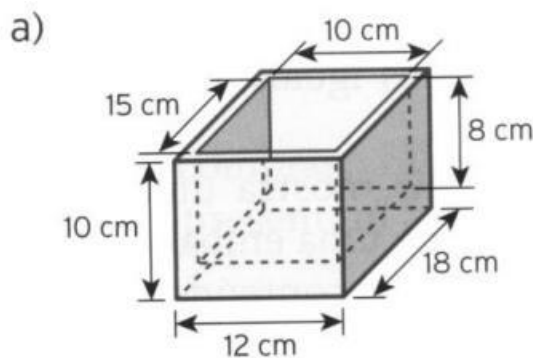


## Caderno 4

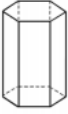

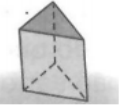
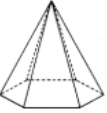
**MATEMÁTICA** – Páginas 53 exercícios 3 ao 6 ; Páginas 54, exercícios 8 ao 10 (REVISÃO CUMULATIVA).

**GEOMETRIA:**

1. Uma caixinha de suco de goiaba tem comprimento, largura e altura iguais a 12 cm, 4,5 cm e 3,7 cm, respectivamente. Qual o volume desta caixinha?
2. **Expresse** em litros:
  - a)  $2.000 \text{ cm}^3$
  - d)  $3,5 \text{ dm}^3$
  - b)  $1.500 \text{ mm}^3$
  - e)  $0,005 \text{ m}^3$
  - c)  $0,5 \text{ hm}^3$
  - f)  $3 \text{ dam}^3$
3. Uma indústria produz 900 litros de óleo vegetal por dia, que devem ser embalados em latas de  $30 \text{ cm}^3$ . Para isso, serão necessárias quantas latas?
4. **Calcule** a capacidade em litros, de cada recipiente:



5. Dados os sólidos geométricos, **complete** a tabela:

Sólido geométrico	Número de faces	Número de vértices	Número de arestas	Relação de Euler: $F + V = A + 2$
				
				
				
				



**COLÉGIO DE APLICAÇÃO DOM HÉLDER CÂMARA**

EXERCÍCIO COMPLEMENTAR I

DISCIPLINA: MATEMÁTICA

ALUNO (A): \_\_\_\_\_ SÉRIE: 7º ANO

DATA PARA ENTREGA: \_\_\_\_/\_\_\_\_/\_\_\_\_.



Caderno 1.

**MATEMÁTICA** – Páginas 67 à 69.

**GEOMETRIA** – Páginas 114 à 115.

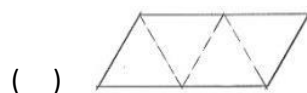
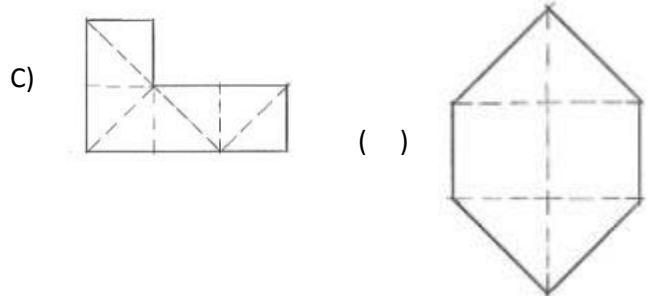
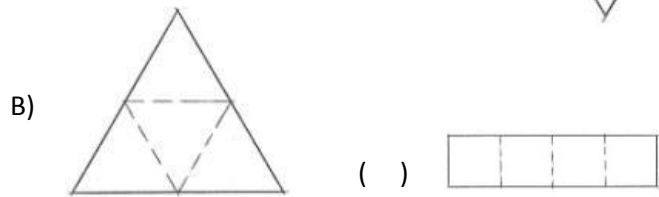
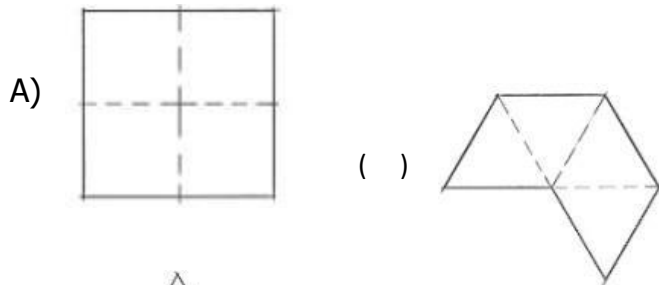
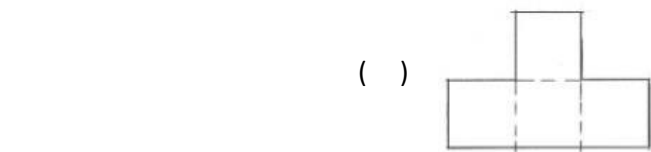


Caderno 2

**MATEMÁTICA** – Páginas 96 e 97.

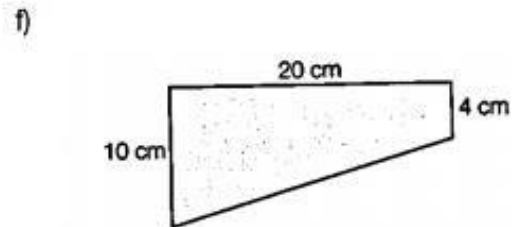
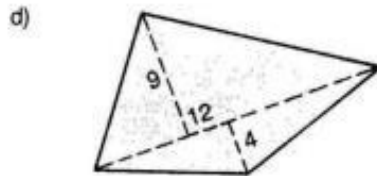
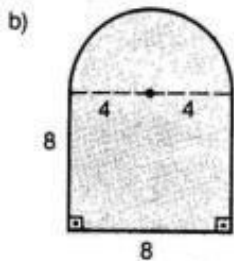
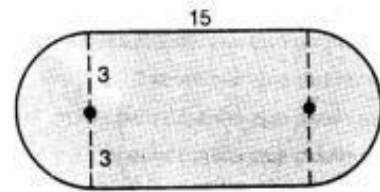
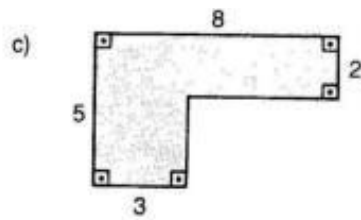
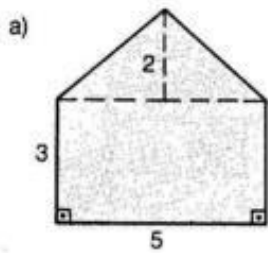
**GEOMETRIA:**

1. Observe a equivalência das figuras e **relacione** corretamente cada uma delas.





2. **Calcule** a área de cada figura.



3. O comprimento de uma circunferência que tem raio igual a 10 cm é:

- a) 6,28 cm
- b) 62,8 cm
- c) 31,4 cm
- d) 3,14 cm
- e) 8,62 cm

4. Um pedreiro fez o orçamento para colocar piso de lajota em uma casa que tem a seguinte planta baixa. O dono da obra pediu as medidas para o rodapé, que seria colocado em todos os cômodos. Desconsiderando-se o desperdício do corte de lajotas e a largura das portas, a quantidade mínima, para o rodapé, será de:

- a) 46 m.
- b) 64 m.
- c) 82 m.
- d) 92 m.
- e) 100 m.



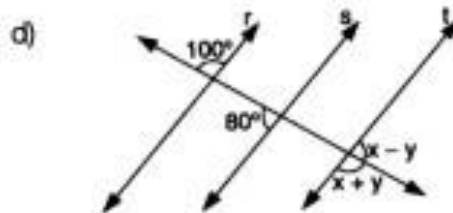
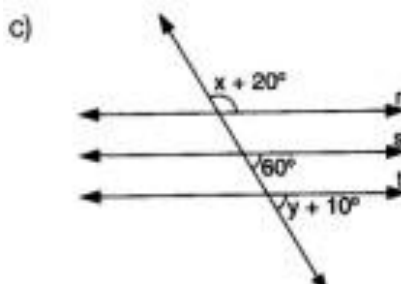
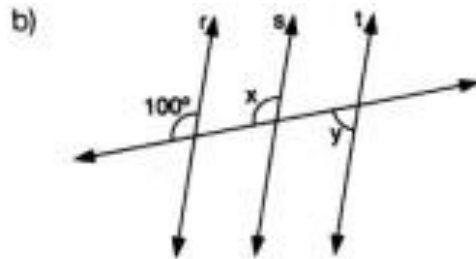
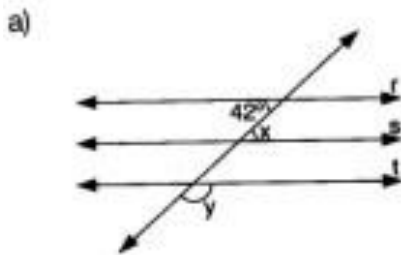


Caderno 5

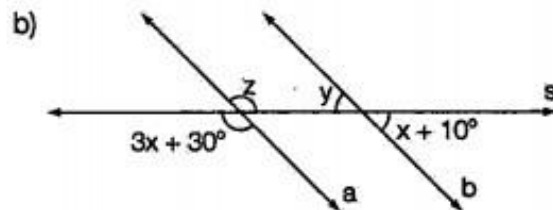
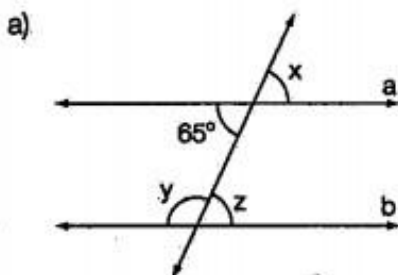
**MATEMÁTICA** – Páginas 60, exercícios 2 e 3; Página 61, exercícios 6 e 7; Página 91, exercícios 1 ao 4.

**GEOMETRIA:**

1. Sabendo que  $r//s//t$  calcule  $x$  e  $y$ .



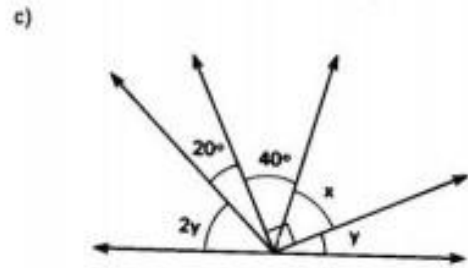
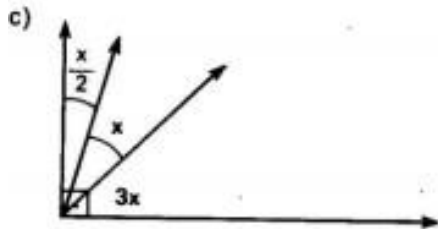
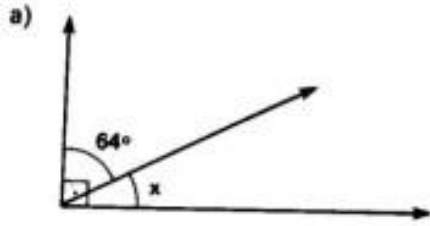
2. Sabendo que  $a//b$  calcule  $x$ ,  $y$  e  $z$ .



3. **Calcule** a soma dos ângulos internos, soma dos ângulos internos e o número de diagonais dos seguintes polígonos:

- a) Pentágono
- b) icoságono
- c) Heptágono
- d) decágono

4. **Calcule** os termos desconhecidos em cada figura:



d)  $\vec{OB}$  é bissetriz de  $\hat{AOC}$  e  $\vec{OD}$  é bissetriz de  $\hat{EOC}$

