

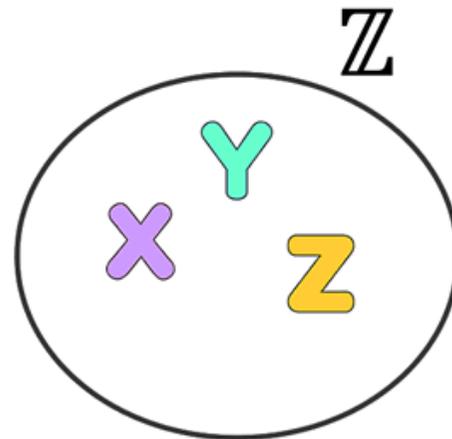
OLIMPÍADA DE  
MATEMÁTICA DAS  
INSTITUIÇÕES FEDERAIS

**ANEXO:**

**FIGURAS COMPLEMENTARES**



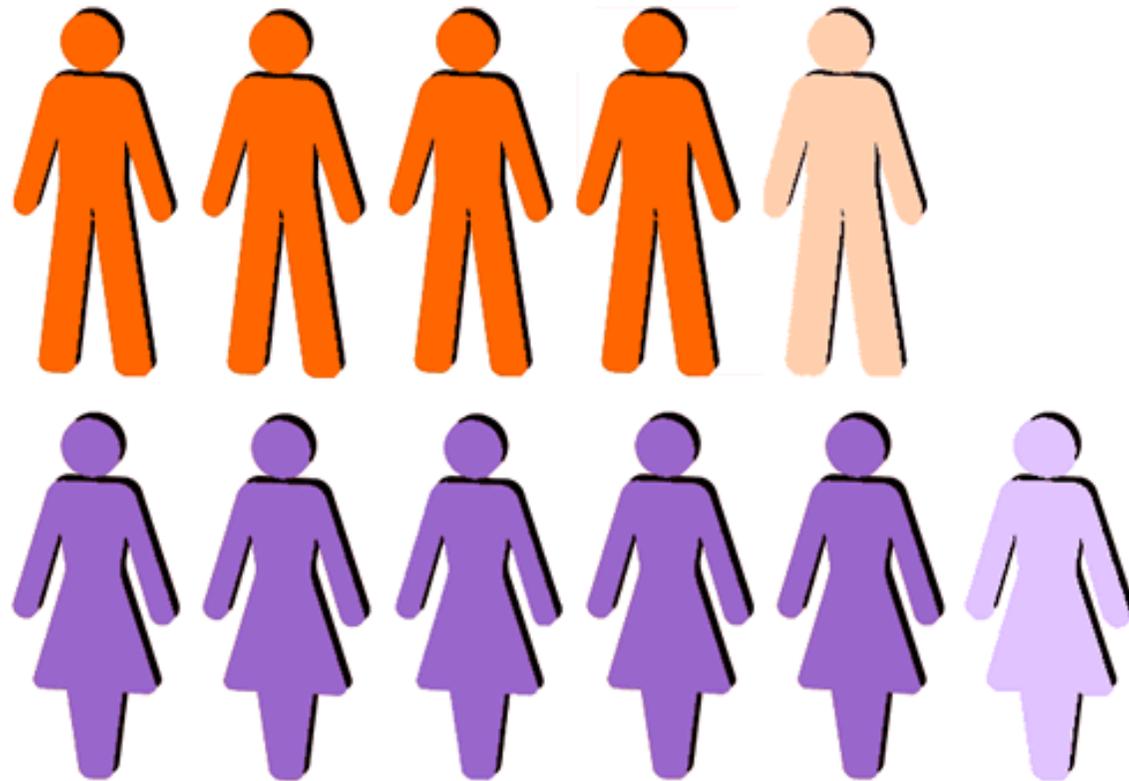
## QUESTÃO 01: Figura complementar



$$\boxed{X} \cdot \boxed{Y} \cdot \boxed{Z} = \boxed{6}$$



## QUESTÃO 04: Figura complementar





## QUESTÃO 05: Figura complementar





## QUESTÃO 09: Figura complementar





## QUESTÃO 11: Figura complementar

$$\mathbf{B} = \square \quad \diamond \quad \bullet$$

$$\mathbf{C} = \bullet \quad \diamond \quad \square$$

$$\square + \diamond + \bullet = 16$$

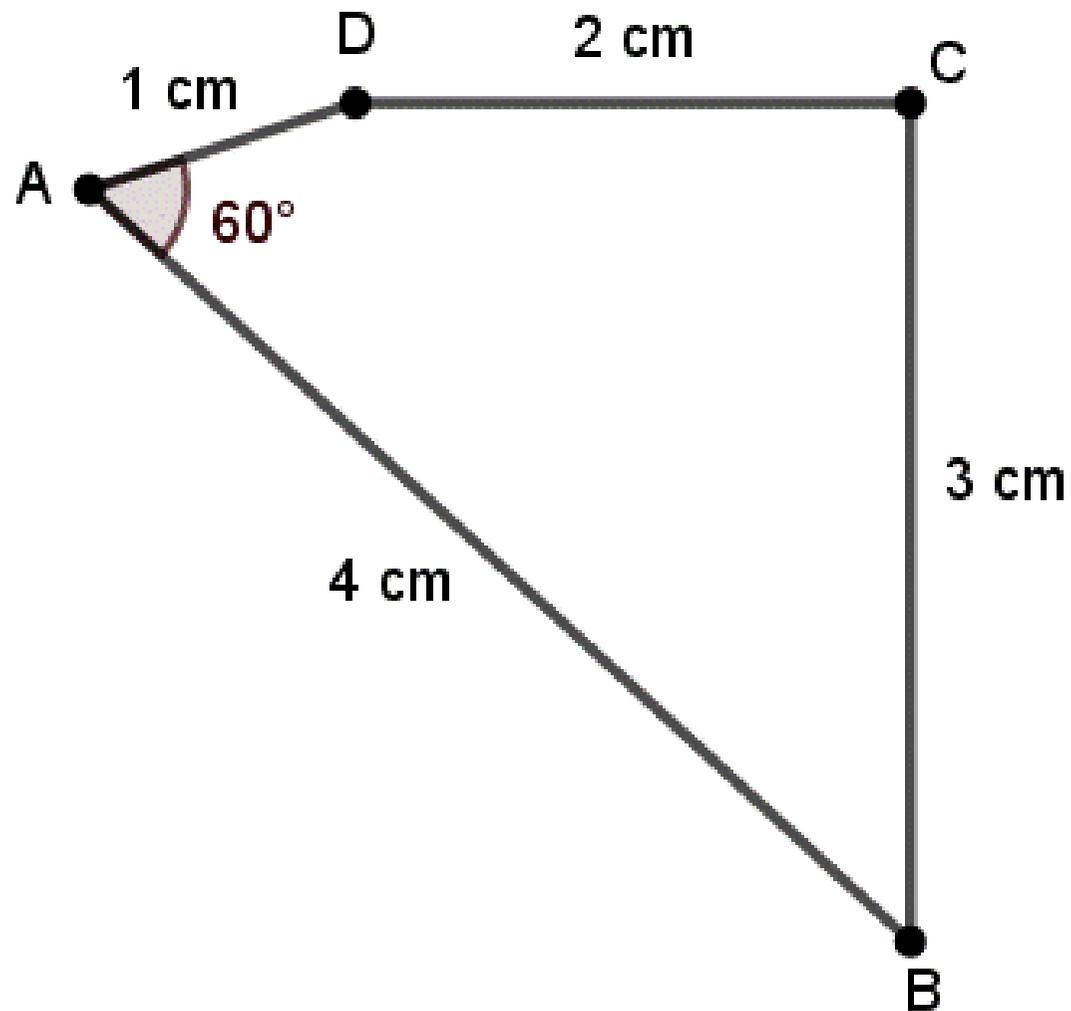
$$\square = 2 \bullet$$

$$\mathbf{B} - \mathbf{C} = 297$$

$$\mathbf{B} + \mathbf{C} = ?$$



## QUESTÃO 12: Figura complementar





## QUESTÃO 13: Figura complementar

**(2022, 12, 5, 25, 29, ... , ?)**  
  
**(1°, 2°, 3°, 4°, 5°, ... , 2022°)**

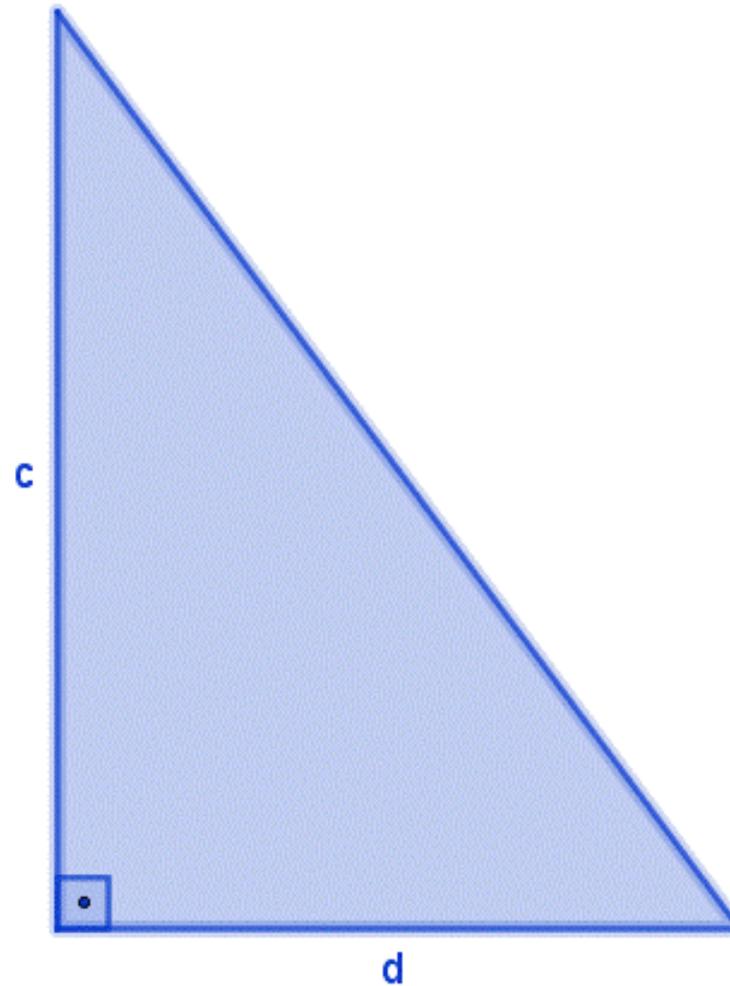
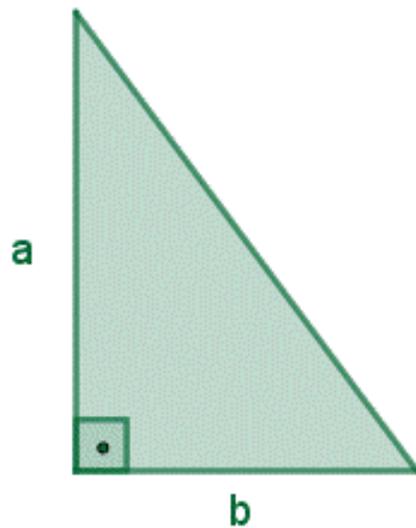


## QUESTÃO 15: Figura complementar





## QUESTÃO 16: Figura complementar





## QUESTÃO 18: Figura complementar

