

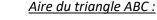
Rayon du cercle:

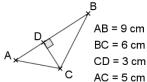
 $8 \div 2 = 4 \text{ cm}$

Aire du disque :

 $\pi \times 4^2 = 16 \pi \text{ cm}^2$

environ

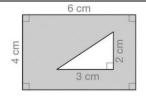




$$\frac{AB \times CD}{2} = \frac{9 \times 3}{2}$$

13,5 cm²

Calcule l'aire de la figure grise :



Aire du rectangle:

 $6 \times 4 = 24 \text{ cm}^2$

Aire du triangle rectangle:

$$\frac{3\times2}{2} = 3 \text{ cm}^2$$

Aire figure grise:

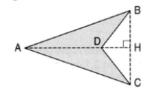
 $24 - 3 = 21 \text{ cm}^2$

Calcule

<u>l'aire de la</u>

<u>partie</u>

grise:



BC = 60 cm

DH = 25 cm

AH = 100 cm

Aire du triangle ABC:

$$\frac{BC \times AH}{2} = \frac{60 \times 100}{2} = 3000 \text{ cm}^2$$

Aire du triangle BDC:

$$\frac{BC \times DH}{2} = \frac{60 \times 25}{2} = 750 \text{ cm}^2$$

Aire partie grise:

$$3\ 000 - 750 = 2\ 250\ cm^2 = 22.5\ dm^2 = 0.225\ m^2$$