

Devoir - raison

exercice 3 :

- 1) $ADFE$ est un rectangle
- 2) $AEDH$ est un rectangle
- 3) DLF est un triangle rectangle en D .
- 4) $KLMN$ est un rectangle.
- 5) DLC est un triangle rectangle en C .

exercice 5 :

$$\begin{aligned} 4) \quad V &= \pi \times r^2 \times h \\ &= \pi \times 2^2 \times 7 \\ &= 28\pi \\ &\approx 88 \text{ cm}^3 \end{aligned}$$

$$\begin{aligned} 5) \quad V &= \frac{\pi \times r^2 \times h}{3} \\ &= \frac{\pi \times 2,5^2 \times 9}{3} \\ &= 18,75\pi \approx 59 \text{ cm}^3. \end{aligned}$$

Equation

$$\bullet \quad 3x + 2 = 4$$

$$3x = 4 - 2$$

$$3x = 2$$

$$x = \frac{2}{3}$$

done $\Rightarrow = \left\{ \frac{2}{3} \right\}.$

$$\bullet \quad 5x - 2 = 3$$

$$5x = 3 + 2$$

$$5x = 5$$

$$x = \frac{5}{5}$$

$$x = 1$$

$$\text{done} \quad \Rightarrow = \{ 1 \}$$

$$\cdot \quad 3x + 2 = 5x - 1$$

$$3x - 5x = -1 - 2$$

$$-2x = -3$$

$$x = \frac{-3}{-2}$$

$$x = \frac{3}{2}$$

$$\text{done } \Rightarrow = \left\{ \frac{3}{2} \right\}.$$

$$\bullet \quad 6x - 2 = 4x + 7$$

$$6x - 4x = 7 + 2$$

$$2x = 9$$

$$x = \frac{9}{2}$$

$$\text{done} \quad \mathcal{S} = \left\{ \frac{9}{2} \right\}$$

$$\bullet \quad 10x - 5 = 7x + 6.$$

$$10x - 7x = 6 + 5$$

$$3x = 11$$

$$x = \frac{11}{3}$$

$$\text{dnc} \quad \mathcal{S} = \left\{ \frac{11}{3} \right\}.$$

