

- CORRECTION -

Qui a tué M. Arsène Bonneaud ?

Résous les équations ci-dessous, puis utilise les solutions trouvées pour éliminer les suspects et ainsi résoudre le mystère.

1► $4x + 6 = -x + 56$ 2► $5x + 7 = 2x + 10$ 3► $8x + 5 = 2x + 35$

$$\begin{aligned} 5x &= 56 - 6 \\ 5x &= 50 \\ x &= \frac{50}{5} = 10 \end{aligned}$$

$$\begin{aligned} 3x &= 3 \\ x &= 1 \end{aligned}$$

$$\begin{aligned} 6x &= 30 \\ x &= 5 \end{aligned}$$

4► $5x + 9 = 2x + 27$ 5► $5x + 6 = -x - 42$ 6► $6x + 6 = 2x + 34$

$$\begin{aligned} 3x &= 18 \\ x &= 6 \end{aligned}$$

$$\begin{aligned} 6x &= -48 \\ x &= -8 \end{aligned}$$

$$\begin{aligned} 4x &= 28 \\ x &= 7 \end{aligned}$$

7► $8x + 7 = 6x + 3$ 8► $8x + 9 = x + 23$ 9► $8x + 3 = 6x + 1$

$$\begin{aligned} 2x &= -4 \\ x &= -2 \end{aligned}$$

$$\begin{aligned} 7x &= 14 \\ x &= 2 \end{aligned}$$

$$\begin{aligned} 2x &= -2 \\ x &= -1 \end{aligned}$$

10► $8x + 7 = 5x - 26$ 11► $5x + 3 = -2x - 18$ 12► $6x + 5 = 2x + 37$

$$\begin{aligned} 3x &= -33 \\ x &= -11 \end{aligned}$$

$$\begin{aligned} 7x &= -21 \\ x &= -3 \end{aligned}$$

$$\begin{aligned} 4x &= 32 \\ x &= 8 \end{aligned}$$

13► $8x + 8 = 2x - 34$ 14► $4x + 5 = 2x - 5$ 15► $8x + 8 = 3x - 12$

$$\begin{aligned} 6x &= -42 \\ x &= -7 \end{aligned}$$

$$\begin{aligned} 2x &= -10 \\ x &= -5 \end{aligned}$$

$$\begin{aligned} 5x &= -20 \\ x &= -4 \end{aligned}$$

16► $4x + 6 = -42$ 17► $4x + 3 = 2x + 25$ 18► $3x + 9 = -4x + 72$

$$\begin{aligned} 4x &= -48 \\ x &= -12 \end{aligned}$$

$$\begin{aligned} 2x &= 22 \\ x &= 11 \end{aligned}$$

$$\begin{aligned} 7x &= 63 \\ x &= 9 \end{aligned}$$

19► $4x + 8 = -28$ 20► $8x + 2 = 5x + 38$

$$\begin{aligned} 4x &= -36 \\ x &= -9 \end{aligned}$$

$$\begin{aligned} 3x &= 36 \\ x &= 12 \end{aligned}$$

Qui ?	
☒ Mrs. Wright = 1	/
☒ Ms. Manns = -8	/
☒ Ms. Davis = 8	/
☐ Mr. Brown = 3	
☒ Mr. Patrick = 6	/
☒ Mr. Jones = -5	/
Arme ?	
☒ Poison = -4	/
☐ Vase = -6	
☒ Pied de biche = 11	/
☒ Couteau = -2	/
☒ Pistolet = -3	/
☒ Corde = 5	/
Où ?	
☒ Hall d'entrée = 9	/
☒ Salle à manger = -7	/
☒ Salle de jeux = 10	/
☒ Cuisine = -9	/
☐ Bibliothèque = 4	
☒ Jardin = 7	/
☒ Bureau = 2	/
☒ Cellier = 12	/
☒ Garage = -12	/
☒ Chambre = -11	/
☒ Balcon = -1	/

Qui ?	Arme ?	Où ?
Mr. Brown	Vase	Bibliothèque