

Systèmes Linéaires (A)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 5a + 5x = 25 \\& 3a = 3\end{aligned}$$

$$\begin{aligned}5. \quad & 4b + 3y = 18 \\& 5b = 15\end{aligned}$$

$$\begin{aligned}2. \quad & c + 3y = 20 \\& 4c = 8\end{aligned}$$

$$\begin{aligned}6. \quad & c + y = 8 \\& c = 3\end{aligned}$$

$$\begin{aligned}3. \quad & 5x + z = 34 \\& 2x = 12\end{aligned}$$

$$\begin{aligned}7. \quad & 4a + x = 24 \\& a = 5\end{aligned}$$

$$\begin{aligned}4. \quad & 4a + 6b = 36 \\& a = 3\end{aligned}$$

$$\begin{aligned}8. \quad & 6c + 5z = 50 \\& 2c = 10\end{aligned}$$

Systèmes Linéaires (A) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned} 1. \quad & 5a + 5x = 25 \\ & 3a = 3 \\ & \textcolor{red}{a = 1}, x = 4 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4b + 3y = 18 \\ & 5b = 15 \\ & \textcolor{red}{b = 3}, y = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & c + 3y = 20 \\ & 4c = 8 \\ & \textcolor{red}{c = 2}, y = 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & c + y = 8 \\ & c = 3 \\ & \textcolor{red}{c = 3}, y = 5 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5x + z = 34 \\ & 2x = 12 \\ & \textcolor{red}{x = 6}, z = 4 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4a + x = 24 \\ & a = 5 \\ & \textcolor{red}{a = 5}, x = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4a + 6b = 36 \\ & a = 3 \\ & \textcolor{red}{a = 3}, b = 4 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6c + 5z = 50 \\ & 2c = 10 \\ & \textcolor{red}{c = 5}, z = 4 \end{aligned}$$

Systèmes Linéaires (B)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned} 1. \quad & 2c + 4v = 8 \\ & c = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3c + 2z = 14 \\ & 6c = 12 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5v + y = 16 \\ & 3v = 9 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2a + 3y = 13 \\ & 6a = 30 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4a + 5b = 21 \\ & 2a = 8 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4c + 2y = 14 \\ & 6c = 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & 6u + 4z = 30 \\ & 3u = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & b + 2v = 12 \\ & 4b = 16 \end{aligned}$$

Systèmes Linéaires (B) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$1. \begin{aligned} 2c + 4v &= 8 \\ c &= 2 \\ \textcolor{red}{c = 2}, v &= 1 \end{aligned}$$

$$5. \begin{aligned} 3c + 2z &= 14 \\ 6c &= 12 \\ \textcolor{red}{c = 2}, z &= 4 \end{aligned}$$

$$2. \begin{aligned} 5v + y &= 16 \\ 3v &= 9 \\ \textcolor{red}{v = 3}, y &= 1 \end{aligned}$$

$$6. \begin{aligned} 2a + 3y &= 13 \\ 6a &= 30 \\ \textcolor{red}{a = 5}, y &= 1 \end{aligned}$$

$$3. \begin{aligned} 4a + 5b &= 21 \\ 2a &= 8 \\ \textcolor{red}{a = 4}, b &= 1 \end{aligned}$$

$$7. \begin{aligned} 4c + 2y &= 14 \\ 6c &= 12 \\ \textcolor{red}{c = 2}, y &= 3 \end{aligned}$$

$$4. \begin{aligned} 6u + 4z &= 30 \\ 3u &= 3 \\ \textcolor{red}{u = 1}, z &= 6 \end{aligned}$$

$$8. \begin{aligned} b + 2v &= 12 \\ 4b &= 16 \\ \textcolor{red}{b = 4}, v &= 4 \end{aligned}$$

Systèmes Linéaires (C)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 2c + 2u = 12 \\& 5c = 15\end{aligned}$$

$$\begin{aligned}5. \quad & 2a + 4z = 18 \\& a = 5\end{aligned}$$

$$\begin{aligned}2. \quad & 3u + 3y = 9 \\& 5u = 10\end{aligned}$$

$$\begin{aligned}6. \quad & 5a + 2x = 33 \\& 2a = 10\end{aligned}$$

$$\begin{aligned}3. \quad & 6a + 2u = 22 \\& a = 2\end{aligned}$$

$$\begin{aligned}7. \quad & x + y = 5 \\& 4x = 16\end{aligned}$$

$$\begin{aligned}4. \quad & 5v + 5y = 35 \\& 4v = 12\end{aligned}$$

$$\begin{aligned}8. \quad & c + 3v = 24 \\& 5c = 30\end{aligned}$$

Systèmes Linéaires (C) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 2c + 2u = 12 \\& 5c = 15 \\& c = 3, u = 3\end{aligned}$$

$$\begin{aligned}5. \quad & 2a + 4z = 18 \\& a = 5 \\& a = 5, z = 2\end{aligned}$$

$$\begin{aligned}2. \quad & 3u + 3y = 9 \\& 5u = 10 \\& u = 2, y = 1\end{aligned}$$

$$\begin{aligned}6. \quad & 5a + 2x = 33 \\& 2a = 10 \\& a = 5, x = 4\end{aligned}$$

$$\begin{aligned}3. \quad & 6a + 2u = 22 \\& a = 2 \\& a = 2, u = 5\end{aligned}$$

$$\begin{aligned}7. \quad & x + y = 5 \\& 4x = 16 \\& x = 4, y = 1\end{aligned}$$

$$\begin{aligned}4. \quad & 5v + 5y = 35 \\& 4v = 12 \\& v = 3, y = 4\end{aligned}$$

$$\begin{aligned}8. \quad & c + 3v = 24 \\& 5c = 30 \\& c = 6, v = 6\end{aligned}$$

Systèmes Linéaires (D)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 5c + 5y = 25 \\& 4c = 8\end{aligned}$$

$$\begin{aligned}5. \quad & 6c + 2x = 30 \\& c = 4\end{aligned}$$

$$\begin{aligned}2. \quad & 3a + b = 9 \\& 4a = 4\end{aligned}$$

$$\begin{aligned}6. \quad & 4u + 4y = 24 \\& 5u = 15\end{aligned}$$

$$\begin{aligned}3. \quad & 3v + 5x = 39 \\& 3v = 9\end{aligned}$$

$$\begin{aligned}7. \quad & 2c + 2z = 10 \\& c = 1\end{aligned}$$

$$\begin{aligned}4. \quad & 6a + 3b = 12 \\& 5a = 5\end{aligned}$$

$$\begin{aligned}8. \quad & 3u + 5y = 28 \\& 3u = 18\end{aligned}$$

Systèmes Linéaires (D) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 5c + 5y = 25 \\& 4c = 8 \\& c = 2, y = 3\end{aligned}$$

$$\begin{aligned}5. \quad & 6c + 2x = 30 \\& c = 4 \\& c = 4, x = 3\end{aligned}$$

$$\begin{aligned}2. \quad & 3a + b = 9 \\& 4a = 4 \\& a = 1, b = 6\end{aligned}$$

$$\begin{aligned}6. \quad & 4u + 4y = 24 \\& 5u = 15 \\& u = 3, y = 3\end{aligned}$$

$$\begin{aligned}3. \quad & 3v + 5x = 39 \\& 3v = 9 \\& v = 3, x = 6\end{aligned}$$

$$\begin{aligned}7. \quad & 2c + 2z = 10 \\& c = 1 \\& c = 1, z = 4\end{aligned}$$

$$\begin{aligned}4. \quad & 6a + 3b = 12 \\& 5a = 5 \\& a = 1, b = 2\end{aligned}$$

$$\begin{aligned}8. \quad & 3u + 5y = 28 \\& 3u = 18 \\& u = 6, y = 2\end{aligned}$$

Systèmes Linéaires (E)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned} 1. \quad & x + 3z = 7 \\ & 3x = 3 \end{aligned}$$

$$\begin{aligned} 5. \quad & v + 4y = 14 \\ & v = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5c + 2u = 13 \\ & 4c = 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 3x + y = 8 \\ & 4x = 4 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4a + 5c = 22 \\ & 4a = 12 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2a + 5v = 26 \\ & 6a = 18 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2x + 3z = 18 \\ & 5x = 15 \end{aligned}$$

$$\begin{aligned} 8. \quad & v + 6z = 9 \\ & v = 3 \end{aligned}$$

Systèmes Linéaires (E) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & x + 3z = 7 \\& 3x = 3 \\& \textcolor{red}{x = 1, z = 2}\end{aligned}$$

$$\begin{aligned}5. \quad & v + 4y = 14 \\& v = 2 \\& \textcolor{red}{v = 2, y = 3}\end{aligned}$$

$$\begin{aligned}2. \quad & 5c + 2u = 13 \\& 4c = 4 \\& \textcolor{red}{c = 1, u = 4}\end{aligned}$$

$$\begin{aligned}6. \quad & 3x + y = 8 \\& 4x = 4 \\& \textcolor{red}{x = 1, y = 5}\end{aligned}$$

$$\begin{aligned}3. \quad & 4a + 5c = 22 \\& 4a = 12 \\& \textcolor{red}{a = 3, c = 2}\end{aligned}$$

$$\begin{aligned}7. \quad & 2a + 5v = 26 \\& 6a = 18 \\& \textcolor{red}{a = 3, v = 4}\end{aligned}$$

$$\begin{aligned}4. \quad & 2x + 3z = 18 \\& 5x = 15 \\& \textcolor{red}{x = 3, z = 4}\end{aligned}$$

$$\begin{aligned}8. \quad & v + 6z = 9 \\& v = 3 \\& \textcolor{red}{v = 3, z = 1}\end{aligned}$$

Systèmes Linéaires (F)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 4v + 2z = 20 \\& 3v = 12\end{aligned}$$

$$\begin{aligned}5. \quad & c + 2y = 8 \\& 6c = 24\end{aligned}$$

$$\begin{aligned}2. \quad & x + 2y = 9 \\& 6x = 30\end{aligned}$$

$$\begin{aligned}6. \quad & 3b + c = 11 \\& 3b = 9\end{aligned}$$

$$\begin{aligned}3. \quad & 5c + 3x = 20 \\& 2c = 2\end{aligned}$$

$$\begin{aligned}7. \quad & a + 4z = 9 \\& 3a = 3\end{aligned}$$

$$\begin{aligned}4. \quad & 6v + 6x = 18 \\& 3v = 6\end{aligned}$$

$$\begin{aligned}8. \quad & 2b + 4z = 14 \\& 4b = 12\end{aligned}$$

Systèmes Linéaires (F) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 4v + 2z = 20 \\& 3v = 12 \\& v = 4, z = 2\end{aligned}$$

$$\begin{aligned}5. \quad & c + 2y = 8 \\& 6c = 24 \\& c = 4, y = 2\end{aligned}$$

$$\begin{aligned}2. \quad & x + 2y = 9 \\& 6x = 30 \\& x = 5, y = 2\end{aligned}$$

$$\begin{aligned}6. \quad & 3b + c = 11 \\& 3b = 9 \\& b = 3, c = 2\end{aligned}$$

$$\begin{aligned}3. \quad & 5c + 3x = 20 \\& 2c = 2 \\& c = 1, x = 5\end{aligned}$$

$$\begin{aligned}7. \quad & a + 4z = 9 \\& 3a = 3 \\& a = 1, z = 2\end{aligned}$$

$$\begin{aligned}4. \quad & 6v + 6x = 18 \\& 3v = 6 \\& v = 2, x = 1\end{aligned}$$

$$\begin{aligned}8. \quad & 2b + 4z = 14 \\& 4b = 12 \\& b = 3, z = 2\end{aligned}$$

Systèmes Linéaires (G)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned} 1. \quad & 3v + 4y = 17 \\ & 5v = 15 \end{aligned}$$

$$\begin{aligned} 5. \quad & 6a + 3c = 12 \\ & 3a = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3v + y = 13 \\ & 4v = 12 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2u + 4x = 22 \\ & 5u = 5 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5b + 5x = 30 \\ & b = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2a + 4x = 24 \\ & 4a = 8 \end{aligned}$$

$$\begin{aligned} 4. \quad & 4b + v = 30 \\ & 5b = 30 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4c + 2y = 20 \\ & 2c = 8 \end{aligned}$$

Systèmes Linéaires (G) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 3v + 4y = 17 \\& 5v = 15 \\& v = 3, y = 2\end{aligned}$$

$$\begin{aligned}5. \quad & 6a + 3c = 12 \\& 3a = 3 \\& a = 1, c = 2\end{aligned}$$

$$\begin{aligned}2. \quad & 3v + y = 13 \\& 4v = 12 \\& v = 3, y = 4\end{aligned}$$

$$\begin{aligned}6. \quad & 2u + 4x = 22 \\& 5u = 5 \\& u = 1, x = 5\end{aligned}$$

$$\begin{aligned}3. \quad & 5b + 5x = 30 \\& b = 2 \\& b = 2, x = 4\end{aligned}$$

$$\begin{aligned}7. \quad & 2a + 4x = 24 \\& 4a = 8 \\& a = 2, x = 5\end{aligned}$$

$$\begin{aligned}4. \quad & 4b + v = 30 \\& 5b = 30 \\& b = 6, v = 6\end{aligned}$$

$$\begin{aligned}8. \quad & 4c + 2y = 20 \\& 2c = 8 \\& c = 4, y = 2\end{aligned}$$

Systèmes Linéaires (H)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned} 1. \quad & 5a + 6b = 54 \\ & 6a = 36 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2x + 4y = 14 \\ & 5x = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4c + z = 10 \\ & 5c = 10 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2u + 3v = 19 \\ & 3u = 15 \end{aligned}$$

$$\begin{aligned} 3. \quad & u + 5v = 19 \\ & 5u = 20 \end{aligned}$$

$$\begin{aligned} 7. \quad & v + 5x = 11 \\ & 2v = 12 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3v + 6y = 48 \\ & 2v = 8 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4a + y = 16 \\ & a = 3 \end{aligned}$$

Systèmes Linéaires (H) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 5a + 6b = 54 \\& 6a = 36 \\& \textcolor{red}{a = 6, b = 4}\end{aligned}$$

$$\begin{aligned}5. \quad & 2x + 4y = 14 \\& 5x = 5 \\& \textcolor{red}{x = 1, y = 3}\end{aligned}$$

$$\begin{aligned}2. \quad & 4c + z = 10 \\& 5c = 10 \\& \textcolor{red}{c = 2, z = 2}\end{aligned}$$

$$\begin{aligned}6. \quad & 2u + 3v = 19 \\& 3u = 15 \\& \textcolor{red}{u = 5, v = 3}\end{aligned}$$

$$\begin{aligned}3. \quad & u + 5v = 19 \\& 5u = 20 \\& \textcolor{red}{u = 4, v = 3}\end{aligned}$$

$$\begin{aligned}7. \quad & v + 5x = 11 \\& 2v = 12 \\& \textcolor{red}{v = 6, x = 1}\end{aligned}$$

$$\begin{aligned}4. \quad & 3v + 6y = 48 \\& 2v = 8 \\& \textcolor{red}{v = 4, y = 6}\end{aligned}$$

$$\begin{aligned}8. \quad & 4a + y = 16 \\& a = 3 \\& \textcolor{red}{a = 3, y = 4}\end{aligned}$$

Systèmes Linéaires (I)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 4a + z = 9 \\& 4a = 4\end{aligned}$$

$$\begin{aligned}5. \quad & 3c + 5z = 8 \\& 6c = 6\end{aligned}$$

$$\begin{aligned}2. \quad & 3u + 6z = 21 \\& 2u = 2\end{aligned}$$

$$\begin{aligned}6. \quad & b + 5y = 31 \\& 5b = 30\end{aligned}$$

$$\begin{aligned}3. \quad & 5b + x = 29 \\& 4b = 20\end{aligned}$$

$$\begin{aligned}7. \quad & 4v + 4z = 20 \\& 5v = 5\end{aligned}$$

$$\begin{aligned}4. \quad & 6a + 5x = 34 \\& 4a = 16\end{aligned}$$

$$\begin{aligned}8. \quad & 4a + 2u = 32 \\& 4a = 24\end{aligned}$$

Systèmes Linéaires (I) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 4a + z = 9 \\& 4a = 4 \\& \color{red} a = 1, z = 5\end{aligned}$$

$$\begin{aligned}5. \quad & 3c + 5z = 8 \\& 6c = 6 \\& \color{red} c = 1, z = 1\end{aligned}$$

$$\begin{aligned}2. \quad & 3u + 6z = 21 \\& 2u = 2 \\& \color{red} u = 1, z = 3\end{aligned}$$

$$\begin{aligned}6. \quad & b + 5y = 31 \\& 5b = 30 \\& \color{red} b = 6, y = 5\end{aligned}$$

$$\begin{aligned}3. \quad & 5b + x = 29 \\& 4b = 20 \\& \color{red} b = 5, x = 4\end{aligned}$$

$$\begin{aligned}7. \quad & 4v + 4z = 20 \\& 5v = 5 \\& \color{red} v = 1, z = 4\end{aligned}$$

$$\begin{aligned}4. \quad & 6a + 5x = 34 \\& 4a = 16 \\& \color{red} a = 4, x = 2\end{aligned}$$

$$\begin{aligned}8. \quad & 4a + 2u = 32 \\& 4a = 24 \\& \color{red} a = 6, u = 4\end{aligned}$$

Systèmes Linéaires (J)

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned} 1. \quad & 6a + 2x = 32 \\ & 3a = 12 \end{aligned}$$

$$\begin{aligned} 5. \quad & 3b + 2z = 20 \\ & b = 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & u + 6z = 22 \\ & 2u = 8 \end{aligned}$$

$$\begin{aligned} 6. \quad & u + z = 9 \\ & 5u = 30 \end{aligned}$$

$$\begin{aligned} 3. \quad & 3a + 2b = 10 \\ & 3a = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2c + 4u = 34 \\ & 6c = 30 \end{aligned}$$

$$\begin{aligned} 4. \quad & v + 3z = 9 \\ & 2v = 12 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5u + v = 21 \\ & 5u = 20 \end{aligned}$$

Systèmes Linéaires (J) Solutions

Trouvez les solutions des systèmes d'équations suivants.

$$\begin{aligned}1. \quad & 6a + 2x = 32 \\& 3a = 12 \\& \textcolor{red}{a = 4}, x = 4\end{aligned}$$

$$\begin{aligned}5. \quad & 3b + 2z = 20 \\& b = 4 \\& \textcolor{red}{b = 4}, z = 4\end{aligned}$$

$$\begin{aligned}2. \quad & u + 6z = 22 \\& 2u = 8 \\& \textcolor{red}{u = 4}, z = 3\end{aligned}$$

$$\begin{aligned}6. \quad & u + z = 9 \\& 5u = 30 \\& \textcolor{red}{u = 6}, z = 3\end{aligned}$$

$$\begin{aligned}3. \quad & 3a + 2b = 10 \\& 3a = 6 \\& \textcolor{red}{a = 2}, b = 2\end{aligned}$$

$$\begin{aligned}7. \quad & 2c + 4u = 34 \\& 6c = 30 \\& \textcolor{red}{c = 5}, u = 6\end{aligned}$$

$$\begin{aligned}4. \quad & v + 3z = 9 \\& 2v = 12 \\& \textcolor{red}{v = 6}, z = 1\end{aligned}$$

$$\begin{aligned}8. \quad & 5u + v = 21 \\& 5u = 20 \\& \textcolor{red}{u = 4}, v = 1\end{aligned}$$