



Gleichungen I

Löse das Gleichungssystem mit Hilfe des Einsetzungsverfahrens.

$$\begin{aligned} 1.) \quad & x = 7y - 46 \\ & 9x + 9y = 90 \end{aligned}$$

$$\begin{aligned} 2.) \quad & y = 5x - 39 \\ & 4x + 6y = 38 \end{aligned}$$

$$\begin{aligned} 3.) \quad & x + 6y = 25 \\ & 6x + 5y = 26 \end{aligned}$$

$$\begin{aligned} 4.) \quad & 5x + y = 42 \\ & 9x + 4y = 91 \end{aligned}$$

$$\begin{aligned} 5.) \quad & 8x + y = 17 \\ & 4x + 6y = 14 \end{aligned}$$

$$\begin{aligned} 6.) \quad & 3x + y = -12 \\ & 7x + 6y = 5 \end{aligned}$$

$$\begin{aligned} 7.) \quad & -7x - y = 38 \\ & 2x + 8y = -34 \end{aligned}$$

$$\begin{aligned} 8.) \quad & 9x + y = 89 \\ & 3x + 5y = 67 \end{aligned}$$

$$\begin{aligned} 9.) \quad & -x + 5y = -24 \\ & 9x + 3y = 72 \end{aligned}$$

$$\begin{aligned} 10.) \quad & 2x + y = 27 \\ & -7x + 9y = 18 \end{aligned}$$



Gleichungen I

Lösungen

$$\begin{aligned} 1.) \quad x &= 3 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 2.) \quad x &= 8 \\ y &= 1 \end{aligned}$$

$$\begin{aligned} 3.) \quad x &= 1 \\ y &= 4 \end{aligned}$$

$$\begin{aligned} 4.) \quad x &= 7 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 5.) \quad x &= 2 \\ y &= 1 \end{aligned}$$

$$\begin{aligned} 6.) \quad x &= -7 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 7.) \quad x &= -5 \\ y &= -3 \end{aligned}$$

$$\begin{aligned} 8.) \quad x &= 9 \\ y &= 8 \end{aligned}$$

$$\begin{aligned} 9.) \quad x &= 9 \\ y &= -3 \end{aligned}$$

$$\begin{aligned} 10.) \quad x &= 9 \\ y &= 9 \end{aligned}$$



Gleichungen II

Löse das Gleichungssystem mit Hilfe des Einsetzungsverfahrens.

$$\begin{aligned} 1.) \quad y &= 8x - 69 \\ 7x + 8y &= 87 \end{aligned}$$

$$\begin{aligned} 6.) \quad 8x + y &= 47 \\ 8x - 2y &= 26 \end{aligned}$$

$$\begin{aligned} 2.) \quad y &= 9x - 67 \\ 2x + 4y &= 36 \end{aligned}$$

$$\begin{aligned} 7.) \quad 5x + y &= 27 \\ 4x + 7y &= 3 \end{aligned}$$

$$\begin{aligned} 3.) \quad x + 3y &= 23 \\ 7x + 2y &= 28 \end{aligned}$$

$$\begin{aligned} 8.) \quad x - 6y &= 5 \\ -9x + 2y &= 59 \end{aligned}$$

$$\begin{aligned} 4.) \quad x + 4y &= 39 \\ 7x + 7y &= 105 \end{aligned}$$

$$\begin{aligned} 9.) \quad 5x - y &= -8 \\ 6x + 2y &= -16 \end{aligned}$$

$$\begin{aligned} 5.) \quad x + 9y &= 21 \\ 4x + 6y &= 24 \end{aligned}$$

$$\begin{aligned} 10.) \quad 3x + y &= 14 \\ -8x + 2y &= 56 \end{aligned}$$

Gleichungen II

Lösungen

$$\begin{aligned} 1. \quad x &= 9 \\ y &= 3 \end{aligned}$$

$$\begin{aligned} 2. \quad x &= 8 \\ y &= 5 \end{aligned}$$

$$\begin{aligned} 3. \quad x &= 2 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 4. \quad x &= 7 \\ y &= 8 \end{aligned}$$

$$\begin{aligned} 5. \quad x &= 3 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} 6. \quad x &= 5 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 7. \quad x &= 6 \\ y &= -3 \end{aligned}$$

$$\begin{aligned} 8. \quad x &= -7 \\ y &= -2 \end{aligned}$$

$$\begin{aligned} 9. \quad x &= -2 \\ y &= -2 \end{aligned}$$

$$\begin{aligned} 10. \quad x &= 6 \\ y &= -4 \end{aligned}$$



Gleichungen III

Löse das Gleichungssystem mit Hilfe des Einsetzungsverfahrens.

1.) $y = 2x + 1$
 $3x + 4y = 26$

2.) $x = 8y - 43$
 $6x + 6y = 66$

3.) $x + 9y = 87$
 $5x + 9y = 111$

4.) $x + 4y = 42$
 $9x + 2y = 72$

5.) $x + 8y = 37$
 $3x + 4y = 31$

6.) $x - 4y = -7$
 $5x + 9y = 52$

7.) $x + 3y = -10$
 $3x + 4y = -10$

8.) $x + 3y = -24$
 $-9x - 4y = 9$

9.) $-2x + y = 9$
 $-9x + 4y = 42$

10.) $-x + 2y = 0$
 $8x + 4y = -40$



Gleichungen III

Löse das Gleichungssystem mit Hilfe des Einsetzungsverfahrens.

Lösungen

1. $x = 2$ $y = 5$

2. $x = 5$ $y = 6$

3. $x = 6$ $y = 9$

4. $x = 6$ $y = 9$

5. $x = 5$ $y = 4$

6. $x = 5$ $y = 3$

7. $x = 2$ $y = -4$

8. $x = 3$ $y = -9$

9. $x = -6$ $y = -3$

10. $x = -4$ $y = -2$