



Gleichungen I

Löse die folgenden Gleichungssysteme.

$$\begin{aligned}1.) \quad & 4x + 3y = 32 \\& 8y = 64\end{aligned}$$

$$\begin{aligned}2.) \quad & 5y = 5 \\& x + 3y = 11\end{aligned}$$

$$\begin{aligned}3.) \quad & 9y = 45 \\& 3x + 3y = 39\end{aligned}$$

$$\begin{aligned}4.) \quad & 2x + 3 = -4 \\& 6x = 24\end{aligned}$$

$$\begin{aligned}5.) \quad & 9x = -36 \\& 7x + 9y = 8\end{aligned}$$

$$\begin{aligned}6.) \quad & 5x + 7y = -13 \\& 9x = -36\end{aligned}$$

$$\begin{aligned}7.) \quad & -7x + 6y = 10 \\& -2x = -4\end{aligned}$$

$$\begin{aligned}8.) \quad & -3y = 6 \\& 7x + 5y = -31\end{aligned}$$

$$\begin{aligned}9.) \quad & -x = 6 \\& x + 7y = -50\end{aligned}$$

$$\begin{aligned}10.) \quad & -6x = -48 \\& 9x + 8y = 8\end{aligned}$$



Gleichungen I

Löse die folgenden Gleichungssysteme.

Lösungen

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

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

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

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

$$5.) \quad \begin{aligned} x &= -4 \\ y &= 4 \end{aligned}$$

$$6.) \quad \begin{aligned} x &= -4 \\ y &= 1 \end{aligned}$$

$$7.) \quad \begin{aligned} x &= 2 \\ y &= 4 \end{aligned}$$

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

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

$$10.) \quad \begin{aligned} x &= 8 \\ y &= -8 \end{aligned}$$



Gleichungen II

Löse die folgenden Gleichungssysteme.

$$\begin{array}{l} 1. \quad 8x + y = 11 \\ \quad \quad \quad 7y = 21 \end{array}$$

$$\begin{array}{l} 2. \quad 7x = 28 \\ \quad \quad \quad 7x + 4y = 52 \end{array}$$

$$\begin{array}{l} 3. \quad 6x + 4y = 44 \\ \quad \quad \quad 6y = 30 \end{array}$$

$$\begin{array}{l} 4. \quad 3y = -18 \\ \quad \quad \quad 5x + 8y = -13 \end{array}$$

$$\begin{array}{l} 5. \quad 7x + 5y = 4 \\ \quad \quad \quad 6y = -12 \end{array}$$

$$\begin{array}{l} 6. \quad 3x + 4y = 12 \\ \quad \quad \quad 5y = -15 \end{array}$$

$$\begin{array}{l} 7. \quad 2x - 4y = -20 \\ \quad \quad \quad -y = -3 \end{array}$$

$$\begin{array}{l} 8. \quad -3y = 24 \\ \quad \quad \quad -6x + 5y = 8 \end{array}$$

$$\begin{array}{l} 9. \quad 2x + 6y = 10 \\ \quad \quad \quad -7x = 7 \end{array}$$

$$\begin{array}{l} 10. \quad 7x + 7y = 49 \\ \quad \quad \quad -2x = -12 \end{array}$$

$$\begin{array}{l} 11. \quad -5x = 20 \\ \quad \quad \quad -9x - y = 31 \end{array}$$

$$\begin{array}{l} 12. \quad -6y = 30 \\ \quad \quad \quad -9x + 9y = -67 \end{array}$$



Gleichungen II

Löse die folgenden Gleichungssysteme.

Lösungen

1. $x = 1$
 $y = 3$

2. $x = 4$
 $y = 6$

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

4. $x = 7$
 $y = -6$

5. $x = 2$
 $y = -2$

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

7. $x = -4$
 $y = 3$

8. $x = -8$
 $y = -8$

9. $x = -1$
 $y = 2$

10. $x = 6$
 $y = 1$

11. $x = -4$
 $y = 5$

12. $x = 3$
 $y = -5$