Řeš soustavu rovnic a proveď zkoušku: **Výsledky:**

$2x - 3y = 4$ $\quad$ $3x - y = 3$ $\quad$ $2(x + y) - 3(4x - 2y) = -44$
$3x - 4y = 7$ $\quad$ $2x + 4y = 16$ $\quad$ $4(x - 5) + 6(y + 7) = 12$ $\quad$ [5; 2]; [2; 3]; [2; –3]

$3c + 4d = 1$ $\quad$ $6y - z = 24$ $\quad$ $0{,}1x + 0{,}3y - 0{,}1 = 0$
$5c - 2d = -7$ $\quad$ $y + 3z = 23$ $\quad$ $0{,}3x - 0{,}2y + 0{,}8 = 0$ $\quad$ [–1; 1]; [5; 6]; [–2; 1]

$3u - 5v = -3$ $\quad$ $2x - 3y = -6$ $\quad$ $3(x - y) - 2(4x + 7y) = 3$
$2u + 8v = 15$ $\quad$ $3x + 4y = 8$ $\quad$ $5(x + 3) - 12(y - 2) = 7$ $\quad$ [1,5; 1,5]; [0; 2]; [–4; 1]

$3b + 2a = 11$ $\quad$ $2x + 3y = -8$ $\quad$ $0{,}5x - 0{,}3y = 0{,}3$
$6a - 7b = -31$ $\quad$ $3x - 2y = 27$ $\quad$ $0{,}1x + 0{,}2y = 1{,}1$ $\quad$ [–0,5; 4]; [5; –6]; [3; 4]

$x - 2y = 7$ $\quad$ $a + 4b = 2$ $\quad$ $2(x + y) - 5(x - y) = 55$
$2x + 3y = 28$ $\quad$ $3a - 2b = -22$ $\quad$ $7(x + y) - 3(x - y) = 4$ $\quad$ [11; 2]; [–6; 2]; [–9; 4]

$2x + 3y = 4$ $\quad$ $2x - 3y = 8$ $\quad$ $0{,}2x - 0{,}3y + 1{,}8 = 0$
$3x - 4y = -11$ $\quad$ $3x + 4y = -5$ $\quad$ $0{,}5y + 0{,}6x - 0{,}2 = 0$ $\quad$ [–1; 2]; [1; –2]; [–3; 4]

$\frac{1}{3}a + 3b = 29$ $\quad$ $2x - \frac{y}{3} = \frac{1}{2}$ $\quad$ $\frac{2x+y}{5} - \frac{3x-2y}{7} = 2$
$3a + \frac{1}{3}b = 21$ $\quad$ $\frac{x}{2} + \frac{y}{4} = \frac{9}{8}$ $\quad$ $\frac{4x-3y}{2} - \frac{2x-5y}{3} = -2$ $\quad$ [6; 9]; [0,75; 3]; [–2; 4]

$\frac{5x}{2} + \frac{1}{5}y + 4 = 0$ $\quad$ $x - \frac{2y}{3} - \frac{1}{3} = 0$ $\quad$ $\frac{2x-3y}{4} - \frac{x+5y}{3} = 5$
$\frac{x}{3} + \frac{y}{6} - \frac{1}{6} = 0$ $\quad$ $\frac{2x}{3} - \frac{1}{6}y + \frac{1}{3} = 0$ $\quad$ $\frac{3x+4y}{5} - \frac{y+2x}{2} = -1$ $\quad$ [–2; 5]; [–1; –2] [1; –2]

$2x + y = 4$ $\quad$ $3x - y = 3$ $\quad$ $3x + y = 14$
$3x - 2y = 13$ $\quad$ $2x + 4y = 16$ $\quad$ $x - 4y = -4$ $\quad$ [3; –2]; [2; 3]; [4; 2]

$7x - 3y = 13$ $\quad$ $2x - 3y = -18$ $\quad$ $5x - 4y = 6$
$17x + 6y = 5$ $\quad$ $6x + 5y = 2$ $\quad$ $2{,}5x - 2y = 3$ $\quad$ [1;–2]; [–3; 4]; [x; 1,5x – 1,5]

$0{,}2x + 0{,}1y = 1{,}1$
$0{,}3x - 0{,}1y = 0{,}9$

$0{,}5x - 0{,}3y = 0{,}3$
$0{,}1x + 0{,}2y = 1{,}1$

$0{,}1x + 0{,}3y = 0{,}1$
$0{,}3x - 0{,}2y = -0{,}8$

[4; 3]; [3; 4]; [–2; 1]

$9x - 6y - 10 = 0$
$6x - 4y - 5{,}5 = 0$

$2x - 6y - 5 = 0$
$-5x + 15y + 12{,}5 = 0$

$2x + 3y - 3{,}5 = 0$
$7x - 9y + 17 = 0$

[NŘ]; $\left[x; \frac{1}{3}x - \frac{5}{6}\right]$; [–0,5; 1,5]

$\frac{1}{3}a + 3b = 29$
$3a + \frac{1}{3}b = 21$

$2x - \frac{y}{3} = \frac{1}{2}$
$\frac{x}{2} + \frac{y}{4} = 1\frac{1}{8}$

$\frac{5x}{2} + \frac{y}{5} = -4$
$\frac{x}{3} + \frac{y}{6} = \frac{1}{6}$

[6; 9]; [0,75; 3]; [–2; 5]

$2x - 3y = 5$
$\frac{3y + 2}{2x} = 4$

$5x + y = 4$
$\frac{x - 3}{2y} = 1$

$\frac{3x + 2y}{2} = 6$
$\frac{y + 8}{x} = 2$

[–0,5; –2]; [–1; 1]; [4; 0]