Algebra

1	$\begin{cases} x + y = 5 \\ 3x - y = 7 \end{cases}$	$x = 3; \ y = 2$
2	$\begin{cases} 4x - 3y = -1\\ 3x - 2y = 0 \end{cases}$	$x = 2; \ y = 3$
3	$\begin{cases} 3x + 2y = 1\\ x - y = -3 \end{cases}$	$x = -1; \ y = 2$
4	$\begin{cases} 3x - y = 1 \\ 5x - 3y = 1 \end{cases}$	$x = \frac{1}{2}; \ y = \frac{1}{2}$
5	$ \begin{cases} 6x + 2y = -9 \\ 6x - 6y = -13 \end{cases} $	$x = -\frac{5}{3}; y = \frac{1}{2}$
6	$\begin{cases} 4x - 2y = 2\\ 3x - 2y = 3 \end{cases}$	$x = -1; \ y = -3$
7	$\begin{cases} x - y = -1 \\ 6x - 4y = -3 \end{cases}$	$x = \frac{1}{2}; y = \frac{3}{2}$
8	$\begin{cases} x + y = -7 \\ x + 15y = -63 \end{cases}$	$x = -3; \ y = -4$
9	$\begin{cases} 2x + 3y = -1 \\ 2x + 5y = -11 \end{cases}$	$x = 7; \ y = -5$
10	$ \begin{cases} 6x + y = -10 \\ 7x + 2y = -5 \end{cases} $	$x = -3; \ y = 8$
11	$\begin{cases} 3x - 2y = 2\\ 15x - 10y = 1 \end{cases}$	impossibile
12	$\begin{cases} 2x - y = -3\\ 6x - 3y = -9 \end{cases}$	indeterminato
13	$\begin{cases} 2x + 6y = 3\\ 4x - 3y = 1 \end{cases}$	$x = \frac{1}{2}; \ y = \frac{1}{3}$
14	$\begin{cases} x + 2y = 3 \\ 3x + 2y = 7 \end{cases}$	$x = 2; \ y = \frac{1}{2}$

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15	$\begin{cases} 3x + 2y = 4 \\ 5x + 4y = 7 \end{cases}$	$x = 1; \ y = \frac{1}{2}$
16	$\begin{cases} 4x + 3y = 3 \\ 2x + 3y = 2 \end{cases}$	$x = \frac{1}{2}; \ y = \frac{1}{3}$
17	$\begin{cases} \frac{1}{3}x - 2y = 0\\ 5x + 4y = 7 \end{cases}$	$x = \frac{21}{17}; \ \ y = \frac{7}{34}$
18	$\begin{cases} 2x - y = 1 \\ 6x - 3y = 3 \end{cases}$	indeterminato
19	$\begin{cases} 2x - 4y = 3\\ 4x - 8y = 5 \end{cases}$	impossibile
20	$\begin{cases} 3x - 2y = 7 \\ 2x + y = 0 \end{cases}$	$x = 1; \ y = -2$
21	$\begin{cases} 2x - 7 = 0 \\ y + 3 = 0 \end{cases}$	$x = \frac{7}{2}; y = -3$
22	$\begin{cases} 3x - 1 = 0 \\ 5 + 2x = 0 \end{cases}$	impossibile
23	$\begin{cases} 3x - y = 5 \\ y = x - 1 \end{cases}$	$x = 2; \ y = 1$
24	$\begin{cases} 3x + 2y = 7 \\ 6x + 4y = 14 \end{cases}$	indeterminata
25	$\begin{cases} x + 2y - 1 = 0 \\ x - 2y + 2 = 0 \end{cases}$	$x = -\frac{1}{2}$; $y = \frac{3}{4}$
26	$ \begin{cases} 4y + 12 = 0 \\ 2x - 3y = 7 \end{cases} $	$x = -1; \ y = -3$
27	$\begin{cases} 4x - 3y - 2 = 0 \\ -8x + 6y - 1 = 0 \end{cases}$	impossibile
28	$\begin{cases} 2x + y - 2 = 0 \\ 3x - y - 3 = 0 \end{cases}$	$x=1; \ y=0$

29	$\begin{cases} 2x - 3y = 4 \\ 4x - 6y = 8 \end{cases}$	indeterminata
30	$\begin{cases} y = 3x - 6 \\ 2x - 5y = 0 \end{cases}$	$x = \frac{30}{13}; \ \ y = \frac{12}{13}$
31	$\begin{cases} 2x - y + 1 = 0 \\ x - y + 6 = 0 \end{cases}$	x = 5; y = 11
32	$ \begin{cases} 5x - 3y = 4 \\ 5x - y = 2 \end{cases} $	$x = \frac{1}{5}; y = -1$
33	$\begin{cases} 2x - 4y = 15\\ 4x + 4y = 9 \end{cases}$	$x = 4; \ y = -\frac{7}{4}$
34	$\begin{cases} 4x - 3y = 1\\ x + 2y = 3 \end{cases}$	$x = 1; \ y = 1$
35	$\begin{cases} 2(2y - x) = 6(x - 1) \\ 3 = 4x - 2y \end{cases}$	indeterminata
36	$\begin{cases} 4x - 3y - 2 = 0 \\ 3x + 4y - 1 = 0 \end{cases}$	$x = \frac{11}{25}; \ y = -\frac{2}{25}$
37	$\begin{cases} 3x - y = 3 \\ 2x + y = 7 \end{cases}$	x = 2; y = 3
38	$\begin{cases} 2x - 5y = 12 \\ 4x + 3y = -2 \end{cases}$	x = 1; y = -2
39	$\begin{cases} 3x + 4y = 18 \\ 4x - 3y = -1 \end{cases}$	x = 2; y = 3
40	$\begin{cases} 2x + 3y = 7 \\ 3x - y = 5 \end{cases}$	x = 2; y = 1
41	$\begin{cases} 4x + 5y = -3 \\ x + 3y = 1 \end{cases}$	x = -2; y = 1
42	$\begin{cases} 2x - 3y = 4 \\ x - 2y = 1 \end{cases}$	x = 5; y = 2

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43	$ \begin{cases} 7x + 5y = 7 \\ 2x - y = 19 \end{cases} $	x = 6; y = -7
44	$ \begin{cases} 7x - y = 2 \\ 3x + y = 8 \end{cases} $	x = 1; y = 5
45	$\begin{cases} 3x + 2y = -2 \\ 5x + 7y = 4 \end{cases}$	x = -2; y = 2
46	$\begin{cases} y = 15x \\ 5x - 2y = 5 \end{cases}$	$x = -\frac{1}{5}; y = -3$
47	$\begin{cases} 3x - 2y = 4 \\ x - 2y = -8 \end{cases}$	$x=0; \ y=4$
48	$\begin{cases} 3x - 2y = 4 \\ 2x + 3y = 7 \end{cases}$	x=2; y=1
49	$\begin{cases} x = y - 3 \\ 4x + 7y = 10 \end{cases}$	x = -1; y = 2
50	$\begin{cases} 3x + 3y = 6 \\ x + y = 1 \end{cases}$	impossibile
51	$\begin{cases} -x - y = -\frac{1}{2} \\ x + y = 2 \end{cases}$	impossibile
52	$\begin{cases} 5x - 7y = \frac{1}{6} \\ \frac{4}{3}x - \frac{3}{5}y = \frac{7}{15} \end{cases}$	$x = \frac{1}{2}; y = \frac{1}{3}$
53	$\begin{cases} \frac{3x - 2y}{3} - (y - x) = 0\\ 2x + \frac{1}{2}y - 3 = \frac{7x - 5}{3} \end{cases}$	x = 5; y = 6
54	$\begin{cases} y - 3x = 1 \\ x - \frac{1}{3}y = -\frac{1}{3} \end{cases}$	indeterminata
55	$\begin{cases} \frac{x}{2} + 3y = \frac{3}{5} \\ x - 5y = 2 \end{cases}$	$x = \frac{18}{11}; y = -\frac{4}{55}$

$\begin{cases} \frac{3}{2}x + y = 19 \\ y + \frac{4}{3}x = 17 \end{cases} & x = 12; \ y = 1 \end{cases}$ $57 \begin{cases} 3x - y + 4 = 0 \\ x - \frac{2y + 1}{6} = 1 \end{cases} & impossibile \end{cases}$ $58 \begin{cases} y = \frac{1}{3}x + 2 \\ x + 3y + 3 = 0 \end{cases} & x = -\frac{9}{2}; \ y = \frac{1}{2} \end{cases}$ $50 \begin{cases} \frac{1}{5}x + \frac{1}{4}y = \frac{3}{4} \\ 2x - y + \frac{7}{2} = 0 \end{cases} & x = -\frac{3}{2}; \ y = \frac{1}{2} \end{cases}$ $60 \begin{cases} \frac{1}{5}x + \frac{1}{4}y = \frac{3}{4} \\ 2x - 3y = -9 \end{cases} & x = 0; \ y = 3 \end{cases}$ $61 \begin{cases} 3x - 7y = \frac{5}{2} \\ 3(y - 1) = -x + \frac{1}{2} \end{cases} & x = 2; \ y = \frac{1}{2} \end{cases}$ $62 \begin{cases} x + y = 2 \\ y + \frac{3}{7} = 0 \end{cases} & x = \frac{17}{7}; \ y = -\frac{3}{7} \end{cases}$ $63 \begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases} & x = \frac{1}{2}; \ y = \frac{5}{4} \end{cases}$ $64 \begin{cases} \frac{3}{5}x + \frac{1}{2}x + \frac{1}{2}$	$\begin{cases} \frac{3}{2}x + y = 19 \\ 4 \end{cases}$	
$ \begin{cases} y = \frac{1}{3}x + 2 \\ x + 3y + 3 = 0 \end{cases} $ $ \begin{cases} y = \frac{1}{2}x + \frac{5}{4} \\ 2x - y + \frac{7}{2} = 0 \end{cases} $ $ \begin{cases} x = -\frac{3}{2}; y = \frac{1}{2} \end{cases} $ $ \begin{cases} x = -\frac{3}{2}; y = \frac{1}{2} \end{cases} $ $ \begin{cases} x = -\frac{3}{2}; y = \frac{1}{2} \end{cases} $ $ \begin{cases} x = -\frac{3}{2}; y = \frac{1}{2} \end{cases} $ $ \begin{cases} x = 0; y = 3 \end{cases} $ $ \begin{cases} 3x - 7y = \frac{5}{2} \\ 3(y - 1) = -x + \frac{1}{2} \end{cases} $ $ \begin{cases} x + y = 2 \\ y + \frac{3}{7} = 0 \end{cases} $ $ \begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases} $ $ \begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{3}{3}y = 7 \end{cases} $ $ \begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{3}{3}y = 7 \end{cases} $ $ \begin{cases} x = 4; y = 3 \end{cases} $ $ \begin{cases} x = 4; y = 3 \end{cases} $ $ \begin{cases} x = 5; y = -2 \end{cases} $ $ \begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases} $ $ x = -2; y = 4 \end{cases} $		1
$ \begin{cases} y = \frac{1}{2}x + \frac{5}{4} \\ 2x - y + \frac{7}{2} = 0 \end{cases} $ $ x = -\frac{3}{2}; y = \frac{1}{2} $ $ x = 0; y = 3 $ $ x = 2; y = \frac{1}{2} $ $ x = \frac{17}{7}; y = -\frac{3}{7} $ $ x = \frac{17}{7}; y = \frac{3}{7} $ $ x = \frac{1}{2}; y = \frac{5}{4} $ $ x = 4; y = 3 $ $ x = 5; y = -2 $ $ x = 5; y = -2 $ $ x = -2; y = 4 $	$\begin{cases} 3x - y + 4 = 0\\ x - \frac{2y + 1}{6} = 1 \end{cases}$ impossibile	
$\begin{cases} \frac{1}{5}x + \frac{1}{4}y = \frac{3}{4} \\ x - 3y = -9 \end{cases} \qquad x = 0; \ y = 3 \end{cases}$ $\begin{cases} 3x - 7y = \frac{5}{2} \\ 3(y - 1) = -x + \frac{1}{2} \end{cases} \qquad x = 2; \ y = \frac{1}{2} \end{cases}$ $\begin{cases} x + y = 2 \\ y + \frac{3}{7} = 0 \end{cases} \qquad x = \frac{17}{7}; \ y = -\frac{3}{7} \end{cases}$ $\begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases} \qquad x = \frac{1}{2}; \ y = \frac{5}{4} \end{cases}$ $\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases} \qquad x = 4; \ y = 3 \end{cases}$ $\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y \\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases} \qquad x = 5; \ y = -2 \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases} \qquad x = -2; \ y = 4 \end{cases}$	$\begin{cases} y = \frac{1}{3}x + 2\\ x + 3y + 3 = 0 \end{cases} \qquad x = -\frac{9}{2}; y = \frac{1}{3}x + \frac{1}{$	= 1/2
$\begin{cases} 2x + \frac{3}{7} = 0 \\ 3x + \frac{3}{5}y = \frac{7}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases}$ $\begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases}$ $\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases}$ $\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y \\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$		= 1/2
$\begin{cases} 2x + \frac{3}{7} = 0 \\ 3x + \frac{3}{5}y = \frac{7}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases}$ $\begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases}$ $\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases}$ $\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y \\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$	$\begin{cases} \frac{1}{5}x + \frac{1}{4}y = \frac{3}{4} \\ x - 3y = -9 \end{cases}$ $x = 0; y = 3$	}
$\begin{cases} 2x + \frac{3}{7} = 0 \\ 3x + \frac{3}{5}y = \frac{7}{4} \end{cases} $ $\begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases} $ $\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases} $ $\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y \\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases} $ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases} $ $\begin{cases} x + \frac{17}{7}; y = -\frac{3}{7} \\ x = \frac{1}{2}; y = \frac{5}{4} \end{cases} $ $\begin{cases} x = \frac{1}{2}; y = \frac{5}{4} \end{cases} $ $\begin{cases} x = \frac{1}{2}; y = \frac{5}{4} \end{cases} $ $\begin{cases} x = \frac{1}{2}; y = \frac{5}{4} \end{cases} $ $\begin{cases} x = 4; y = 3 \end{cases} $ $\begin{cases} x = 5; y = -2 \end{cases} $ $\begin{cases} x = 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases} $ $\begin{cases} x = -2; y = 4 \end{cases} $	$\begin{cases} 3x - 7y = \frac{5}{2} \\ 3(y - 1) = -x + \frac{1}{2} \end{cases}$ $x = 2; y = \frac{1}{2}$	<u> </u>
$\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases}$ $x = 4; y = 3$ $\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y \\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases}$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $x = -2; y = 4$	$\begin{cases} x + y = 2 \\ y + \frac{3}{7} = 0 \end{cases} \qquad x = \frac{17}{7}; \ y = \frac{17}{7}$	$-\frac{3}{7}$
64 $\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases}$ $x = 4; y = 3$ $\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y \\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases}$ $x = 5; y = -2$ $\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $x = -2; y = 4$	$\begin{cases} 7x - 3y = -\frac{1}{4} \\ 2x + \frac{3}{5}y = \frac{7}{4} \end{cases}$ $x = \frac{1}{2}; \ y = \frac{5}{4}$; - -
$\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases}$ $x = -2; y = 4$	$\begin{cases} 3x + y = 15 \\ \frac{5}{4}x + \frac{2}{3}y = 7 \end{cases}$ $x = 4; y = 3$	3
	$\begin{cases} \frac{11}{4}x - 14 = \frac{1}{8}y\\ \frac{6}{7}x = 4 - \frac{1}{7}y \end{cases}$ $x = 5; y = -\frac{1}{2}$	-2
$\begin{cases} 4(4-x) - 24 = y + 2x - 24 \\ 3(x-y) - x^2 - 1 = 2(8-2y) - x - (x+1)^2 \end{cases}$ indeterminata	$\begin{cases} x + 2y = 4 - x \\ 2 - 7x - 2y = 2x + 3y \end{cases} $ $x = -2; y = -2$: 4
	$\begin{cases} 4(4-x) - 24 = y + 2x - 24 \\ 3(x-y) - x^2 - 1 = 2(8-2y) - x - (x+1)^2 \end{cases}$ indeterminant	ta
$\begin{cases} 20y - 2(x - 3) = 5(5y - 2) \\ 21(1 - x) = 2(y - 5) - 12x \end{cases}$ $x = 3; y = 2$	68 $\begin{cases} 20y - 2(x-3) = 5(5y-2) \\ 21(1-x) = 2(y-5) - 12x \end{cases}$ $x = 3; y = 2$	

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69	$\begin{cases} \frac{3-2x}{3} + \frac{y}{6} = \frac{x}{4} \\ 3x - y = 1 \end{cases}$	$x = 2; \ y = 5$
	$\begin{cases} \frac{1}{2}x - \frac{1}{3}y = 1\\ 3x = 5(y+3) \end{cases}$	x = 0; y = -3
71	$\begin{cases} \frac{1}{2}y - 2 = \frac{2}{3}x\\ \frac{5}{12} + \frac{2x - 1}{3} = \frac{1 + y}{2} \end{cases}$	impossibile
72	$\begin{cases} \frac{2x-7}{2} - \frac{2(x-y)}{3} = 0\\ \frac{x-y}{2} - \frac{7x-y}{6} = -2 \end{cases}$	$x = \frac{1}{2}; y = 5$
73	$\begin{cases} \frac{6x - 4y - 3}{10} - \frac{x + y}{2} = 0\\ \frac{5y - 4}{3} + \frac{2}{3} = x \end{cases}$	$x = -\frac{3}{2}; y = -\frac{1}{2}$
74	$\begin{cases} \frac{4x-7}{10} + \frac{1}{2}y - \frac{3y+x}{5} = -\frac{3}{10} \\ \frac{x}{3} - \frac{2}{3} = \frac{1}{6}y \end{cases}$	indeterminato
75	$\begin{cases} \frac{x+y}{2} = x + y + \frac{1}{2} \\ \frac{5x-15}{2} = \frac{y}{2} - 1 \end{cases}$	$x = 2; \ y = -3$
76	$\begin{cases} \frac{x}{2} + \frac{x - 3y}{5} + 6 = x + y \\ 2x - y + \frac{1}{2} = \frac{5y - 3x}{2} + 4 \end{cases}$	x = 4; y = 3
77	$\begin{cases} \frac{3}{4}(1+2x) + \frac{x-y}{4} = \frac{2x+1}{2} \\ \frac{x+1}{2} = \frac{2x-y}{3} \end{cases}$	$x = -1; \ y = -2$
78	$\begin{cases} \frac{1}{2}(x-1) - \frac{3}{2}y = -5\\ \frac{1}{3}x + \frac{3}{2}y = 7 \end{cases}$	x = 3; y = 4
79	$\begin{cases} x - y = \frac{2}{5}x - \frac{1}{4}y \\ \frac{2x - y}{3} + 17y = \frac{7}{2} \end{cases}$	$x = \frac{1}{4}; y = \frac{1}{5}$

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80	$\begin{cases} \frac{1}{3}x - \frac{1}{5}y = \frac{1}{90} \\ \frac{1}{3}x - \frac{1}{4}y = -\frac{1}{72} \end{cases}$	$x = \frac{1}{3}; y = \frac{1}{2}$
81	$\begin{cases} x - \frac{x - 2y}{15} = \frac{46}{15} \\ 2x - \frac{x + 2y}{2} = 11 + 2y \end{cases}$	$x = \frac{32}{9}; y = -\frac{17}{9}$
82	$\begin{cases} \frac{x+y+3}{2} + 2x = 4\\ \frac{x+y-1}{3} + \frac{4}{3}y = 2 \end{cases}$	$x = \frac{3}{4}$; $y = \frac{5}{4}$
83	$\begin{cases} x + \frac{1}{2}y = 2\\ 4x + 2y = 5 \end{cases}$	impossibile
84	$\begin{cases} 3x - \frac{1}{5}y = 6\\ -15x + y = -30 \end{cases}$	indeterminato
85	$\begin{cases} 3x + 2y = 4 \\ 2y - \frac{3}{2}(x+3) = -5 \end{cases}$	$x = 1; y = \frac{1}{2}$
86	$\begin{cases} x + 2y = 2(2x - y + 5) \\ 2 - 3x = y - 1 + 2(x + 6) \end{cases}$	$x = -2; \ y = 1$
87	$\begin{cases} 3x - 5 = 2(y+1) - 8 \\ 2(x-1) = 3(1-2y) + 9 \end{cases}$	$x=1; \ y=2$
88	$\begin{cases} x - 2[y - (x+1)] = 12\\ 3x - 2(y+3) = 4 \end{cases}$	indeterminato
89	$\begin{cases} \frac{1}{2}x - y = 3\\ x + \frac{1}{3}y = \frac{11}{3} \end{cases}$	x = 4; y = -1
90	$\begin{cases} 3x - 2(y+1) = x + 2(x-y) \\ x + 4y = 0 \end{cases}$	impossibile
91	$\begin{cases} \frac{1}{3} \left(\frac{x-2}{4} - \frac{y+1}{2} \right) = -\left(\frac{3x-2}{3} - \frac{y-3}{2} \right) + 3\\ 2^{-1} [4x - (2y-x)] = \frac{1-y}{10} - \left(5^{-1}x - \frac{23}{4} \right) \end{cases}$	$x=2; y=-\frac{1}{2}$

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92	$\begin{cases} \frac{2x-1}{5} - \frac{y+1}{2} = \frac{x-y}{2} - \frac{x+3}{10} \\ \frac{1}{2}(x+1) - 3y = 2 \end{cases}$	impossibile
93	$\begin{cases} \frac{3x+1}{2} - \frac{2y-1}{3} = \frac{2}{3}(2x-y) + \frac{2+x}{6} \\ \frac{x}{3} - \frac{y}{2} = 1 \end{cases}$	impossibile
94	$\begin{cases} \frac{2x-1}{15} = -\frac{y-1}{9} \\ \frac{x-y}{3} + \frac{1}{6} = \frac{2x-y}{8} \end{cases}$	$x = \frac{1}{2}; y = 1$
95	$\begin{cases} \frac{3x - 2y + 21}{6} - \frac{3y - 2x}{4} = 2\\ \frac{2x - y}{4} + \frac{x + y}{3} = \frac{14}{3} \end{cases}$	x = 5; y = 6
96	$\begin{cases} \frac{3}{2}x + 4y = \frac{1}{2} + 2y + \frac{7}{4}x \\ \frac{1}{5}y - \frac{2}{5}x + 1 = \frac{1}{4}x - \frac{2}{5}y \end{cases}$	$x=2; y=\frac{1}{2}$
97	$\begin{cases} \frac{1}{8} \left(\frac{1}{2} + y \right) = \frac{x + 6y}{2} + \frac{7}{6} - 2y \\ (x - 2)(y + 1) = y(x - 1) - \frac{31}{6} \end{cases}$	$x = -\frac{31}{11}; y = \frac{23}{66}$
98	$\begin{cases} \frac{2y+2}{3} = 1 + \frac{3x+1}{12} \\ \frac{6x+1}{2} - 5 = \frac{1}{4} - \frac{3+4y}{4} \end{cases}$	x = 1; y = 1
99	$\begin{cases} \frac{x+2}{5} - \frac{y-4}{6} = \frac{17}{30} \\ 4(x-1) + 3y = x+y+2 \end{cases}$	x = 0; y = 3
100	$\begin{cases} \frac{4x+6y}{3} + 3x = \frac{25}{3} \\ \frac{5x-7}{4} + \frac{2x-y}{2} = -\frac{y+3}{10} \end{cases}$	$x=1; \ y=2$
101	$\begin{cases} \frac{4x-y}{3} - \frac{x}{2} - \frac{3x-2y}{4} = -\frac{1}{2} \\ \frac{x-3y}{4} + \frac{x+y+1}{8} + \frac{y}{2} = -\frac{3}{8} \end{cases}$	x = -2; y = -2

102	$\begin{cases} \frac{4x+3}{5} - \frac{2x-3y}{10} = \frac{1}{2} - \frac{x+4y}{5} \\ \frac{x}{2} + \frac{4+y}{3} = \frac{2(x+y+4)}{5} + \frac{1}{3} \end{cases}$	x = 4; y = -3
103	$\begin{cases} \frac{7}{2} + \frac{y - x}{2} = 3\left(\frac{1}{2}y - \frac{1}{2}x\right) \\ \frac{6}{5} - \frac{3(x - 2y)}{10} = \frac{1}{2}y - \frac{1}{5}x \end{cases}$	impossibile
104	$\begin{cases} (x-1)(x+1) = x^2 + y^2 + 3 - (y-2)^2 \\ (y-3x)(y+3x) - y^2 + 3x = 4 - 9x^2 - 2y \end{cases}$	$x = \frac{4}{3}; y = 0$
105	$\begin{cases} (y-x)^2 - (y-3)(y+2) = x(x-5) - 2y(x+4) + x \\ \frac{1}{2}x^2 = \frac{1}{2}(x+y)^2 - \frac{1}{2}(y-1)^2 - x(y-3) \end{cases}$	$x = \frac{21}{46}; \ y = -\frac{20}{23}$
106	$\begin{cases} 2y + \left(2 - \frac{4}{3}\right)x = \left(2 - \frac{1}{2}\right)y\\ \frac{1}{3}x + \frac{1}{2}y = \frac{5}{6} + \left(\frac{1}{2} - \frac{1}{3}\right)(x + y) \end{cases}$	$x = -3; \ y = 4$
107	$\begin{cases} \frac{x+y}{-\frac{4}{5}+2} + \frac{5}{4}x - \frac{1}{12} = \frac{4y+3}{1+\frac{1}{2}} - \frac{x-1}{\frac{2}{3}-1} \\ \left(\frac{3x-y}{6} + \frac{y-1}{2}\right)\left(2 - \frac{3}{4}\right)^{-1} = \left(\frac{1}{2}+1\right)\left(\frac{2}{5}x + \frac{1}{3}y\right) + \frac{2}{5} \end{cases}$	x = -11; y = 6
108	$\begin{cases} \frac{(x-1)(2y-1)}{2} - \frac{(3x-2)(y+1)}{3} = \frac{1}{2}y - \frac{2}{3}x - \frac{1}{2} \\ \frac{1}{2}(3x-2y+4) + \frac{1}{5}(y-x-1) = \frac{23}{10} \end{cases}$	x = 1; y = 1
109	$\begin{cases} \frac{5}{3}x - \frac{y}{2} = \frac{7}{12} \\ \frac{7}{2}x - \frac{10}{3}y = \frac{1}{2} \end{cases}$	$x = \frac{1}{2}; y = -\frac{1}{2}$
110	$\begin{cases} \frac{3x+2}{3} - \frac{2y+1}{6} = \frac{3}{2} \\ \frac{x+1}{2} + \frac{y-2}{4} = \frac{7}{4} \end{cases}$	x = 2; y = 3
111	$\begin{cases} \frac{3x - 2y + 2}{4} - \frac{2x + y - 3}{2} = \frac{1}{2} \\ \frac{x - 3y + 4}{3} + \frac{5x - y - 4}{4} = \frac{9}{4} \end{cases}$	x = 2; y = 1

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112	$ \begin{cases} (4x-5)(3y-2) - (2x-1)(6y+5) = -3\\ 3x - 2(x-y) = 3y+4 \end{cases} $	x = 2; y = -2
113	$\begin{cases} \frac{3x+2}{5} - \frac{2x-y}{4} = \frac{2x+y-3}{2} - \frac{9}{5} \\ \frac{2x-3y}{4} + \frac{x+y-2}{3} = \frac{3x-2y}{6} \end{cases}$	x = 3; y = 4
114	$\begin{cases} (x+y)^2 - (x-1)^2 - (y+2)^2 - 2y(1+x) = 3\\ x(x^2-1) + (y-x)^3 - (y-1)(y^2+y+1) = 3y - 3xy(y-x) \end{cases}$	$x = \frac{5}{2}; y = -\frac{1}{2}$
115	$ \begin{cases} 0; 8x = 0; 9y - 1 \\ 0; 8x = -0; 5y + 2; 5 \end{cases} $	$x = \frac{25}{16}; \ y = \frac{5}{2}$
116	$\begin{cases} x + 2y - 3z = 4 \\ -5x + y = -5 \\ 2x + z = 1 \end{cases}$	x = 1; y = 0; z = -1
117	$\begin{cases} x + 2y = 12 \\ -x - 3y + z = -4 \\ -y + z = 8 \end{cases}$	indeterminato
118	$\begin{cases} x + 2y - 2z = -5 \\ 2x - 2y + z = -5 \\ x - y + 2z = -1 \end{cases}$	x = -3; y = 0; z = 1
119	$\begin{cases} 2x - 3y + 4z = 9\\ 3x - 2y + z = 8\\ 11x - 9y + 7z = 30 \end{cases}$	impossibile
120	$ \begin{cases} 7x + 8y + z = -3 \\ 8x + 7y + z = 6 \\ 6x + 6y + z = 3 \end{cases} $	x = 4; $y = -5$; $z = 9$
121	$\begin{cases} \frac{x}{2} + y + 5z = -3\\ 5x - 7y + z = -15\\ x + y = 2 \end{cases}$	x = 0; y = 2; z = -1

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122	$\begin{cases} 3x - y + z = -1 \\ y + z = 0 \\ x + \frac{y}{2} = 2 \end{cases}$	x = 1; y = 2; z = -2
123	$\begin{cases} 2x - 3y + z = -3\\ y + 2z = \frac{1}{3}\\ x - 6y + 3z = -3 \end{cases}$	$x = -1; y = \frac{1}{3}; z = 0$
124	$\begin{cases} x + y + z = -1 \\ x + y = 0 \\ y - z = 2 \end{cases}$	x = -1; y = 1; z = -1
125	$\begin{cases} 3x - 5y - z = 5\\ \frac{x}{2} + 3y = 1\\ y + z = 1 \end{cases}$	x = 2; y = 0; z = 1
126	$\begin{cases} x + y = 3 \\ x - z = 4 \\ y + z = -1 \end{cases}$	indeterminato
127	$\begin{cases} 2x + 7y - 4z = 8 \\ -x + 2y = \frac{3}{2} \\ 4x - y + z = 1 \end{cases}$	$x = \frac{1}{2}$; $y = 1$; $z = 0$
128	$\begin{cases} x - y + z = 1\\ 3x - 4y + 7z = 10\\ y - \frac{z}{2} = 0 \end{cases}$	x = 0; y = 1; z = 2
129	$\begin{cases} 2x - 3y - z = 5 \\ x - y - z = 0 \\ x - z = -1 \end{cases}$	x = 3; y = -1; z = 4
130	$ \begin{cases} 3x + y - z = -2 \\ 5x + 3z = -1 \\ 7x - 2z = 1 \end{cases} $	$x = \frac{1}{31}$; $y = -\frac{77}{31}$; $z = -\frac{12}{31}$
131	$\begin{cases} \frac{x+y+5}{2z} = 1\\ \frac{3x-z-3}{y+1} = 2\\ x+2(y+4) = 4(z-1) \end{cases}$	impossibile

132	$\begin{cases} x - y + 2z = 1\\ \frac{2x - y}{z} + 1 = 0\\ \frac{3}{2}(x + z) = y \end{cases}$	impossibile
133	$\begin{cases} x + 2y + z = 2 \\ z + y - 2x = 0 \end{cases}$ $\begin{cases} \frac{2}{3}z + 2y + \frac{1}{2}x = \frac{1}{2} \end{cases}$	x = 1; y = -1; z = 3
134	$\begin{cases} 2x + y - 3z = -10 \\ 3x - 2y - z = -1 \\ x + 4y + 2z = 16 \end{cases}$	x = 2; y = 1; z = 5
135	$\begin{cases} x + y + z = 1 \\ 2x - y + z = 5 \\ x + 2y - 2z = 6 \end{cases}$	$x = \frac{16}{5}$; $y = -\frac{2}{5}$; $z = -\frac{9}{5}$
136	$\begin{cases} x + y + z = 6 \\ 2x + y - z = 1 \\ 2x - 3y + z = -1 \end{cases}$	x = 1; y = 2; z = 3
137	$\begin{cases} 2x - y - 4z = 3\\ -x + 3y + z = -10\\ 3x + 2y - 2z = -2 \end{cases}$	x = 2; y = -3; z = 1
138	$\begin{cases} 4x - 3z + t = 10 \\ 5y + z - 4t = 1 \\ 3y + t = 17 \\ x + 2y + 3t = 25 \end{cases}$	x = 2; y = 4; z = 1; t = 5
139	$\begin{cases} x + y + t = 0 \\ 12x + 6y - 6z - 2t = 1 \\ 3x - 3y + 6z - 3t = 1 \\ -6x + 12y - 6z + 6t = 11 \end{cases}$	$x = -\frac{1}{2}; y = \frac{3}{2};$ $z = \frac{2}{3}; t = -1$
140	$\begin{cases} x - 2y - 3z - t + 2u = 3\\ 3x - y + 2z - 2t - u = -4\\ -4x + y - 2z + t - u = 5\\ 2x - y + 3z - t + u = -1\\ -2x + 3y - z + 4t - 2u = -5 \end{cases}$	x = -2; y = -1; z = 0; t = -1; u = 1