Sistemi di equazioni di I grado

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

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14	$\begin{cases} \frac{1}{2}x - \frac{1}{3}y = 1 \\ 3x = 5(y+3) \end{cases}$	$R: (0; -3)$
15	$\begin{cases} \frac{1}{2}y - 2 = \frac{2}{3}x \\ \frac{5}{12} + \frac{2x-1}{3} = \frac{1+y}{2} \end{cases}$	$R: impossibile$
16	$\begin{cases} \frac{2x-7}{2} - \frac{2(x-y)}{3} = 0 \\ \frac{x-y}{2} - \frac{7x-y}{6} = -2 \end{cases}$	$R: \left(\frac{1}{2}; 5\right)$
17	$\begin{cases} \frac{6x-4y-3}{10} - \frac{x+y}{2} = 0 \\ \frac{5y-4}{3} + \frac{2}{3} = x \end{cases}$	$R: \left(-\frac{3}{2}; -\frac{1}{2}\right)$
18	$\begin{cases} \frac{4x-7}{10} + \frac{1}{2}y - \frac{3y+x}{5} = -\frac{3}{10} \\ \frac{x}{3} - \frac{2}{3} = \frac{1}{6}y \end{cases}$	$R: indeterminato$
19	$\begin{cases} \frac{x+y}{2} = x + y + \frac{1}{2} \\ \frac{5x-15}{2} = \frac{y}{2} - 1 \end{cases}$	$R: (2; -3)$
20	$\begin{cases} \frac{x}{2} + \frac{x-3y}{5} + 6 = x + y \\ 2x - y + \frac{1}{2} = \frac{5y-3x}{2} + 4 \end{cases}$	$R: (4; 3)$
21	$\begin{cases} \frac{3}{4}(1+2x) + \frac{x-y}{4} = \frac{2x+1}{2} \\ \frac{x+1}{2} = \frac{2x-y}{3} \end{cases}$	$R: (-1; -2)$

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22	$\begin{cases} 2x+6y=3 \\ 4x-3y=1 \end{cases}$	$R:\ x=\frac{1}{2};\ y=\frac{1}{3}$
23	$\begin{cases} x+2y=3 \\ 3x+2y=7 \end{cases}$	$R:\ x=2;\ y=\frac{1}{2}$
24	$\begin{cases} 3x+2y=4 \\ 5x+4y=7 \end{cases}$	$R:\ x=1;\ y=\frac{1}{2}$
25	$\begin{cases} 4x+3y=3 \\ 2x+3y=2 \end{cases}$	$R:\ x=\frac{1}{2};\ y=\frac{1}{3}$
26	$\begin{cases} \frac{1}{3}x-2y=0 \\ 5x+4y=7 \end{cases}$	$R:\ x=\frac{21}{17};\ y=\frac{7}{34}$
27	$\begin{cases} 2x-y=1 \\ 6x-3y=3 \end{cases}$	$R:\ indeterminato$
28	$\begin{cases} 2x-4y=3 \\ 4x-8y=5 \end{cases}$	$R:\ impossibile$
29	$\begin{cases} \frac{3}{2}x+y=19 \\ y+\frac{4}{3}x=17 \end{cases}$	$R:\ x=12;\ y=1$

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30	$\begin{cases} \frac{1}{2}(x-1)-\frac{3}{2}y=-5 \\ \frac{1}{3}x+\frac{3}{2}y=7 \end{cases}$	$R:\ x=3;\ y=4$
31	$\begin{cases} x-y=\frac{2}{5}x-\frac{1}{4}y \\ \frac{2x-y}{3}+17y=\frac{7}{2} \end{cases}$	$R:\ x=\frac{1}{4};\ y=\frac{1}{5}$
32	$\begin{cases} \frac{1}{3}x-\frac{1}{5}y=\frac{1}{90} \\ \frac{1}{3}x-\frac{1}{4}y=-\frac{1}{72} \end{cases}$	$R:\ x=\frac{1}{3};\ y=\frac{1}{2}$
33	$\begin{cases} x-\frac{x-2y}{15}=\frac{46}{15} \\ 2x-\frac{x+2y}{2}=11+2y \end{cases}$	$R:\ x=\frac{32}{9};\ y=-\frac{17}{9}$
34	$\begin{cases} \frac{x+y+3}{2}+2x=4 \\ \frac{x+y-1}{3}+\frac{4}{3}y=2 \end{cases}$	$R:\ x=\frac{3}{4};\ y=\frac{5}{4}$
35	$\begin{cases} x+\frac{1}{2}y=2 \\ 4x+2y=5 \end{cases}$	$R:\ impossibile$
36	$\begin{cases} 3x-\frac{1}{5}y=6 \\ -15x+y=-30 \end{cases}$	$R:\ indeterminato$
37	$\begin{cases} 3x+2y=4 \\ 2y-\frac{3}{2}(x+3)=-5 \end{cases}$	$R:\ x=1;\ y=\frac{1}{2}$