

1	$\begin{cases} \frac{9}{x} + \frac{2}{y} = 4 \\ \frac{6}{y} = 2 + \frac{3}{x} \end{cases}$	$x = 3; y = 2$
2	$\begin{cases} \frac{4}{x} + \frac{5}{y} = 2 \\ \frac{10}{y} - \frac{4}{x} = 1 \end{cases}$	$x = 4; y = 5$
3	$\begin{cases} 10 - \frac{13}{4x} + \frac{3}{y} = 0 \\ \frac{3}{2y} + 9 = \frac{1}{2} + \frac{5}{2x} \end{cases}$	$x = \frac{1}{4}; y = 1$
4	$\begin{cases} \frac{y+1}{x-3} = 2 \\ x-3 = \frac{y+1}{2} \end{cases}$	<i>indeterminata</i>
5	$\begin{cases} \frac{1}{x} + \frac{1}{y} = \frac{3}{y} \\ x - \frac{3}{2} = y \end{cases}$	$x = -\frac{3}{2}; y = -3$
6	$\begin{cases} \frac{8}{x} = \frac{2}{y} \\ 1 - \frac{y+4}{x-2} = 0 \end{cases}$	$x = 8; y = 2$
7	$\begin{cases} -\frac{x+4}{y+4} = 2 \\ \frac{y+5}{x+3} = -1 \end{cases}$	<i>impossibile</i>
8	$\begin{cases} \frac{8x+4y+7}{4x-9y+1} = -\frac{13}{2} \\ \frac{7y-2x+6}{3y+4-5x} = \frac{3}{11} \end{cases}$	$x = -2; y = -1$
9	$\begin{cases} 8(2y-3x+7) = 7(x+3y-9) \\ \frac{x-1}{1+y} = \frac{1}{2} - \frac{9-3x}{y+1} \end{cases}$	<i>impossibile</i>

10	$\begin{cases} \frac{x+1}{6-4y} - \frac{1-2y}{2y-3} = \frac{y-x}{12-8y} \\ y = \frac{4}{3} + x \end{cases}$	$x = -1; y = \frac{1}{3}$
11	$\begin{cases} \frac{7-x^2+3y}{xy-x^2} = 1 - \frac{y-2}{y-x} \\ \frac{6+2x}{2x-1} = \frac{2(4x+y)}{1-4x+4x^2} \end{cases}$	$x = -\frac{2}{3}; y = -\frac{25}{9}$
12	$\begin{cases} 2(1+y) = 5-x+2y \\ \frac{1+2x+3y}{2x+3y} = \frac{3x+2y+1}{3x+2y} \end{cases}$	$x = 3; y = 3$
13	$\begin{cases} 2(x+y) = 3 \\ \frac{\frac{1}{4}y + \frac{1}{2}}{x} - \frac{\frac{2}{5}y - \frac{1}{4}}{x} + \frac{9}{10} = 0 \end{cases}$	$x = -\frac{1}{2}; y = 2$
14	$\begin{cases} \frac{5y-12x}{7-y} - \frac{12(x-2y)}{7+y} = \frac{5(6x+4y^2-16) - y^2 - 42}{y^2-49} \\ -\frac{x+2}{y-1} + \frac{y-1}{x+2} = \frac{(y-x)(x+y) - 3(x+y) - 4}{xy-x+2y-2} \end{cases}$	$x = 5; y = 4$
15	$\begin{cases} \frac{x-3y}{2x+y} = -\frac{5}{4} \\ \frac{x+5}{y-1} = 6 \end{cases}$	$x = 1; y = 2$
16	$\begin{cases} \frac{x}{y} + \frac{2}{3} = 5 - \frac{26}{3}y \\ \frac{x+y}{2} + \frac{1}{y+1} = \frac{11}{12} \end{cases}$	$x = 0; y = \frac{1}{2}$
17	$\begin{cases} \frac{12x-7}{2} + \frac{5(y+1)}{x+2} = \frac{35}{6} \\ \frac{1}{5}x + \frac{1}{3}y = \frac{8}{15} \end{cases}$	$x = 1; y = 1$ $x = -\frac{17}{18}; y = \frac{13}{6}$
18	$\begin{cases} \frac{x+y}{2} = -\frac{1}{5} \\ \frac{5x+3y}{2x+7y} = 0 \end{cases}$	$x = \frac{3}{5}; y = -1$

19	$\begin{cases} \frac{x-7}{y} + 7 = \frac{1}{x} \\ \frac{1}{x} + \frac{1}{y+1} = \frac{x}{2} \end{cases}$	$x = -1; y = 1$
20	$\begin{cases} \frac{x+y-3}{x+y} = -\frac{1}{2} \\ \frac{1}{x} + \frac{3}{y} = 4 \end{cases}$	$x = \frac{1}{2}; y = \frac{3}{2}$ $x = 1; y = 1$
21	$\begin{cases} \frac{x-1}{y+1} + \frac{x}{y} = -\frac{1}{3} \\ \frac{5x+7y}{x-y} + y = -5 \end{cases}$	$x = 0; y = 2$ $x = \frac{117}{133}; y = -\frac{13}{7}$
22	$\begin{cases} \frac{3x}{y-3} + \frac{x+y}{2x-y} = -\frac{9}{10} \\ -x + 2y + 7 = 0 \end{cases}$	$x = 1; y = -3$ $x = \frac{91}{237}; y = -\frac{784}{237}$
23	$\begin{cases} \frac{x+y-5}{x-y} = -\frac{59}{4} \\ \frac{3x-5y}{6x+10y-1} = 0 \end{cases}$	$x = \frac{2}{3}; y = \frac{2}{5}$
24	$\begin{cases} \frac{5x-y}{11x+7y} = x - \frac{1}{7} \\ \frac{3x-5y}{5} = -1 \end{cases}$	$x = 0; y = 1$ $x = -\frac{15}{532}; y = \frac{523}{532}$