

$$340 \quad \begin{cases} 2x + 5y = 1 \\ x + 4y = -1 \end{cases}$$

$$341 \quad \begin{cases} 5x - y - 4 = 0 \\ x + 10 = 2y \end{cases}$$

$$342 \quad \begin{cases} 4x + y = 7 \\ x + 4y + 2 = 0 \end{cases}$$

$$343 \quad \begin{cases} x + 3y + 5 = 0 \\ x + y + 1 = 0 \end{cases}$$

$$344 \quad \begin{cases} 2x - 3y = 4 \\ 3x - 2y = 11 \end{cases}$$

$$345 \quad \begin{cases} 4x - y = 11 \\ 2x + 3y + 5 = 0 \end{cases}$$

$$346 \quad \begin{cases} y = \frac{3x - 3}{2} \\ y = 4x + 1 \end{cases}$$

$$347 \quad \begin{cases} y = \frac{5}{2}x \\ x = y - 3 \end{cases}$$

$$348 \quad \begin{cases} y = \frac{3 - 5x}{2} \\ x = 3y + 4 \end{cases}$$

$$349 \quad \begin{cases} y = \frac{-5x - 8}{2} \\ x = y + 4 \end{cases}$$

$$350 \quad \begin{cases} y = \frac{3}{2}x \\ y = \frac{5x + 4}{2} \end{cases}$$

$$351 \quad \begin{cases} x = \frac{3 - 5y}{2} \\ y = \frac{8 - 3x}{4} \end{cases}$$

$$352 \quad \begin{cases} x + 4y = -1 \\ x = \frac{4 - 5y}{2} \end{cases}$$

$$353 \quad \begin{cases} 4x + y + 3 = 0 \\ x = \frac{11 - 3y}{2} \end{cases}$$

$$(3, -1) \quad 354 \quad \begin{cases} 4x + y + 1 = 0 \\ y = \frac{1 - 5x}{2} \end{cases} \quad (-1, 3)$$

$$(2, 6) \quad 355 \quad \begin{cases} 3x - 2y = 2 \\ y = \frac{4x - 4}{3} \end{cases} \quad (-2, -4)$$

$$(2, -1) \quad 356 \quad \begin{cases} 2x + 3y = 6 \\ y = 2 \end{cases} \quad (0, 2)$$

$$(1, -2) \quad 357 \quad \begin{cases} 5x + 4y = 11 \\ 2x + y - 2 = 0 \end{cases} \quad (-1, 4)$$

$$(5, 2) \quad 358 \quad \begin{cases} 4x - 3y = 9 \\ 3x + 2y = -6 \end{cases} \quad (0, -3)$$

$$(2, -3) \quad 359 \quad \begin{cases} 5x - 2y = 4 \\ 3x - 4y + 6 = 0 \end{cases} \quad (2, 3)$$

$$(-1, -3) \quad 360 \quad \begin{cases} 2x - 5y = 11 \\ y + 3 = 0 \end{cases} \quad (-2, -3)$$

$$(2, 5) \quad 361 \quad \begin{cases} 5x + 2y = 3 \\ 3x + 2y = 5 \end{cases} \quad (-1, 4)$$

$$(1, -1) \quad 362 \quad \begin{cases} 4x - 3y + 3 = 0 \\ 5x - 2y = 5 \end{cases} \quad (3, 5)$$

$$(0, -4) \quad 363 \quad \begin{cases} 2x + 3y = 2 \\ 3x + 4y = 4 \end{cases} \quad (4, -2)$$

$$(-2, -3) \quad 364 \quad \begin{cases} 3(x - 1) - 2(x + y) + 3y = 0 \\ 4(x + y) - 3(x + y) - 2y = 1 \end{cases} \quad (2, 1)$$

$$(4, -1) \quad 365 \quad \begin{cases} 5(x + 2y) - 3(2x + 3y) = 5 \\ 3(x + y) - 2(x + y) + x - 2 = 0 \end{cases} \quad (-1, 4)$$

$$(7, -2) \quad 366 \quad \begin{cases} 3(x + 4) + 2(y - 2) = 2(x + 7) \\ 5(2x - 1) + 3(2 - 4x) = 4 - y \end{cases} \quad (0, 3)$$

$$(-2, 5) \quad 367 \quad \begin{cases} 4(x + 2) - 3(x + y) = 15 - 2y \\ 3(x + y) - 2(x - 1) = y \end{cases} \quad (4, -3)$$

- 368 $\begin{cases} 7(x - 2y + 1) - 4(2x - 3y + 2) = -(x + y) \\ 3(2x - y + 4) - 2(x + 5y - 1) = 3(x - 5y + 3) + y \end{cases}$
- 369 $\begin{cases} 9(x - 2y + 1) - 5(x - 3y + 2) = 2(x - 3y - 2) \\ -3(4x - 3y + 5) + 7(2x - y + 4) = 10 - y \end{cases}$
- 370 $\begin{cases} 6(3x - y + 5) - 4(4x + y + 7) = 2(1 - 6y) - x \\ 5(2x + y + 4) - 4(x + 2y + 5) = 0 \end{cases}$
- 371 $\begin{cases} (2x - 1)(x + 3) - (y - 4)(y + 3) - 12 = 2x(x + 2) - y(y + 1) - 12 \\ 4x(3x - 5y + 3) + 10y(2x + y + 1) - 2(6x^2 + 5y^2) = 5x + 11y - 3 \end{cases}$
- 372 $\begin{cases} 12(3x - 4) + 9(4y + 5) - 4(7x + 8y + 1) = 3(2x + 3y - 3) + 1 - 2y \\ 9(11x - 3y + 4) - 10(8x - 4y + 3) = 5(5x + 2y + 1) - 2 \end{cases}$
- 373 $\begin{cases} x(2x + 1) - y(y + 3) = 2x^2 - y(y + 5) \\ 3x(x - 2) + 4y(y - 3) = x(3x - 8) + y(4y - 13) \end{cases}$
- 374 $\begin{cases} (2x - 1)(3x + 1) + (5y - 2)(2y + 3) = 6x(x - 1) + y(10y + 1) - 17 \\ (x + 1)(x - 1) + (y + 1)(y - 1) + (x + 1)(y + 1) = (x + 1)(x + y) - xy \end{cases}$
- 375 $\begin{cases} 4x(3x + 1) - 3y(2y + 3) = x(12x + 1) - 2y(3y + 4) + 11 \\ 5x(2x + 3) - 4y(y - 3) = 2x(5x + 7) - y(4y - 9) - 3 \end{cases}$
- 376 $\begin{cases} (4x - 1)(3x + 2) - (2x - 1)(6x - 1) - 8x = (3y + 1)(5y + 2) - (15y - 4)(y + 1) - 2y + 1 \\ 6x(x + 2y + 4) - 4y(3x - 3y + 2) = 2x(3x + 7) + 12y(y - 1) \end{cases}$
- 377 $\begin{cases} (x + 1)(y + 3) = (x + 2)(y + 2) \\ (x - 1)(y + 4) = (x + 3)(y - 1) + 7 \end{cases}$
- 378 $\begin{cases} (x - 2)^2 - (y - 1)^2 - 5 = (x - 3)(x + 3) - (y - 1)(y + 1) - 8 \\ (x - 3)(x - 4) + 4(x - 1) - (y - 3)^2 = (x + 1)(x - 3) - (y - 3)(y - 4) + 6 \end{cases}$
- 379 $\begin{cases} (2x - 1)^2 - 4x(x + 2) = (3y + 2)^2 - 9y(y + 5) + 21 \\ (3x + 8)(y - 3) - 6 = 3(x + 2)(y - 4) - 12 \end{cases}$
- 380 $\begin{cases} (2x + 5)(y - 3) - (x - 1)(2y + 4) = 7 \\ (x + 4)(2y - 5) - 5 = (2x + 3)(y - 2) \end{cases}$

Risolvi i seguenti sistemi di equazioni in due incognite a coefficienti razionali.

381 $\begin{cases} \frac{2}{3}x + \frac{4}{5}y = \frac{6}{5} \\ 2x + 3y = 6 \end{cases}$

(-3, 4) 384 $\begin{cases} \frac{2}{3}x + \frac{3}{4}y = 5 \\ \frac{5}{6}x - \frac{1}{3}y = \frac{7}{6} \end{cases}$

382 $\begin{cases} \frac{x+1}{10} + \frac{y-4}{6} = x - 7 \\ \frac{x+5}{7} - \frac{y-7}{6} = y - x + \frac{1}{2} \end{cases}$

(9, 10) 385 $\begin{cases} \frac{2}{3}x + \frac{3}{4}y = \frac{3}{2} - \frac{1}{2}x \\ \frac{4}{5}x - \frac{1}{3}y = -\frac{2}{3} \end{cases}$

383 $\begin{cases} \frac{x+y}{3} - \frac{y-x}{2} = 10 \\ \frac{x}{2} + \frac{x+y}{9} = \frac{29}{3} \end{cases}$

(14, 10) 386 $\begin{cases} 1 + \frac{x+2y}{5} = 3(x-y) \\ \frac{1}{2}x - \frac{2}{3}y + \frac{x-y}{12} = \frac{1}{12} \end{cases}$