Esplicitazione di una variabile

Periodo 2 - UdA 1

Esplicitare rispetto ad ognuna delle variabili le seguenti equazioni implicite

[1]	$-3x+y-4=0$	[2]	$3x+2y-2=0$	[3]	$-3x+y+6=0$
[4]	$x+2y=0$	[5]	$-x+5y=0$	[6]	$x-4y-1=0$
[7]	$-2x-3y+4=0$	[8]	$x-4y+3=0$	[9]	$-2x+y-3=0$
[10]	$-5x+3y+3=0$	[11]	$3x+y-2=0$	[12]	$-3x-2y+3=0$
[13]	$-3x+2y+3=0$	[14]	$-x-6y-2=0$	[15]	$-2x+3y-3=0$
[16]	$2x+y-1=0$	[17]	$-3x+2y+4=0$	[18]	$x-y+3=0$
[19]	$2x-y-2=0$	[20]	$-2x-5y-3=0$	[21]	$-2x-3y-2=0$
[22]	$-x-3y=0$	[23]	$3x+4y+1=0$	[24]	$2x-y+5=0$
[25]	$3x+y+2=0$	[26]	$x-y-1=0$	[27]	$x+2y+1=0$
[28]	$-5x-3y-5=0$	[29]	$-4x+y+2=0$	[30]	$-2x+y+1=0$

SOLUZIONI

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[1]	$x = \frac{1}{3}y - \frac{4}{3}$	$y = 3x + 4$
[2]	$x = -\frac{2}{3}y + \frac{2}{3}$	$y = -\frac{3}{2}x + 1$
[3]	$x = \frac{1}{3}y + 2$	$y = 3x - 6$
[4]	$x = -2y$	$y = -\frac{1}{2}x$
[5]	$x = 5y$	$y = \frac{1}{5}x$
[6]	$x = 4y + 1$	$y = \frac{1}{4}x - \frac{1}{4}$
[7]	$x = -\frac{3}{2}y + 2$	$y = -\frac{2}{3}x + \frac{4}{3}$
[8]	$x = 4y - 3$	$y = \frac{1}{4}x + \frac{3}{4}$
[9]	$x = \frac{1}{2}y - \frac{3}{2}$	$y = 2x + 3$
[10]	$x = \frac{3}{5}y + \frac{3}{5}$	$y = \frac{5}{3}x - 1$
[11]	$x = -\frac{1}{3}y + \frac{2}{3}$	$y = -3x + 2$
[12]	$x = -\frac{2}{3}y + 1$	$y = -\frac{3}{2}x + \frac{3}{2}$
[13]	$x = \frac{2}{3}y + 1$	$y = \frac{3}{2}x - \frac{3}{2}$
[14]	$x = -6y - 2$	$y = -\frac{1}{6}x - \frac{1}{3}$
[15]	$x = \frac{3}{2}y - \frac{3}{2}$	$y = \frac{2}{3}x + 1$
[16]	$x = -\frac{1}{2}y + \frac{1}{2}$	$y = -2x + 1$
[17]	$x = \frac{2}{3}y + \frac{4}{3}$	$y = \frac{3}{2}x - 2$
[18]	$x = y - 3$	$y = x + 3$
[19]	$x = \frac{1}{2}y + 1$	$y = 2x - 2$
[20]	$x = -\frac{5}{2}y - \frac{3}{2}$	$y = -\frac{2}{5}x - \frac{3}{5}$
[21]	$x = -\frac{3}{2}y - 1$	$y = -\frac{2}{3}x - \frac{2}{3}$
[22]	$x = -3y$	$y = -\frac{1}{3}x$
[23]	$x = -\frac{4}{3}y - \frac{1}{3}$	$y = -\frac{3}{4}x - \frac{1}{4}$
[24]	$x = \frac{1}{2}y - \frac{5}{2}$	$y = 2x + 5$
[25]	$x = -\frac{1}{3}y - \frac{2}{3}$	$y = -3x - 2$
[26]	$x = y + 1$	$y = x - 1$
[27]	$x = -2y - 1$	$y = -\frac{1}{2}x - \frac{1}{2}$
[28]	$x = -\frac{3}{5}y - 1$	$y = -\frac{5}{3}x - \frac{5}{3}$
[29]	$x = \frac{1}{4}y + \frac{1}{2}$	$y = 4x - 2$
[30]	$x = \frac{1}{2}y + \frac{1}{2}$	$y = 2x - 1$