

Examples:

1) $x^2 + y^2 = 25$ $3x - 4y = 0$	2) $y + 3 = 2x$ $x^2 + 2xy = -1$	3) $2x^2 + 5y^2 = 22$ $3x^2 - y^2 = -1$
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1	$x^2 + y^2 = 25$ $y - x = 1$
2	$y^2 = x + 3$ $2y = x + 4$
3	$x^2 - xy + 2y^2 = 16$ $x - y = 2$
4	$x^2 - xy + 3y^2 = 5$ $x - y = 2$
5	$x^2 + 4y^2 = 20$ $xy = 4$
6	$y = x^2$ $x = y^2$
7	$x^2 + y^2 = 25$ $y^2 = x + 5$
8	$x^2 + y^2 = 14$ $x^2 - y^2 = 4$

Answers:

1) $(-4, -3); (3, 4)$	2) $(-2, 1)$	3) $(-1, -3); (4, 2)$	4) $\left(\frac{7}{3}, \frac{1}{3}\right); (1, -1)$
5) $(2, 2); (-2, -2); (4, 1); (-4, -1)$	6) $(0, 0); (1, 1)$	7) $(-5, 0); (4, 3); (4, -3)$	8) $(3, \sqrt{5}); (3, -\sqrt{5}); (-3, \sqrt{5}); (-3, -\sqrt{5})$