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represent known numbers one supposes generally that $a \neq 0$ those equations with $a = 0$ are considered degenerate
because the equation then becomes linear or even simpler the numbers a b and c are the coefficients of the
equation and may be distinguished by calling them respectively the

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 $x^2 - 14x + 40$ $4x^2 - 4x - 12$ $5x^2 - 144$ $6x^4 - 16781x^2 - 49850x^2 - 37292x^3 - 216x^3 - 18x^4 - 104x^2 - 17x^3 - 1511$

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the function makes nice curves like this one name the name quadratic comes from quad meaning square
because the variable gets squared like x^2 it is also called an equation of degree 2 because of the 2 on the x
standard form the standard form of a quadratic equation looks like this

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form i e get all the terms of to one side usually to left side of the equation such that the other side is 0

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differential equations that must be solved simultaneously in order to determine the population of the prey
and the predator the whole point of this is to notice that systems of differential equations can arise quite easily
from naturally occurring situations developing an effective predator prey system of differential

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factor each completely 1 $x^2 - 7x + 18$ 2 $p^2 - 5p + 14$ 3 $m^2 - 9m + 8$ 4 $x^2 - 16$ $x - 63$ 5 $7x^2 - 31x + 20$ 6 $7k^2 - 9k + 7$ 7 $x^2 - 45x + 28$ 8
 $2b^2 - 17b + 21$ 9 $5p^2 - p + 18$ 10 $28n^4 - 16n^3 - 80n^2 - 14f^2x^0 - r1d2c$ tknuit 8ay asxoqfyt gwfacryed fl kl vc6 u g earl kl a
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equation is an equation of the form where p is a polynomial with coefficients in some field often the field of
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