

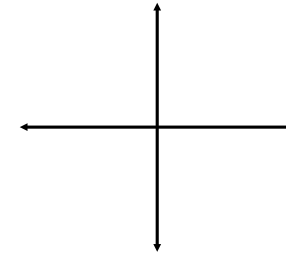
4.2 Solving Equations by Factoring

* Sometimes, quadratic equations can be . Once factored, we can determine the of the equation (or the of the quadratic function) very easily. To do so, we must understand the

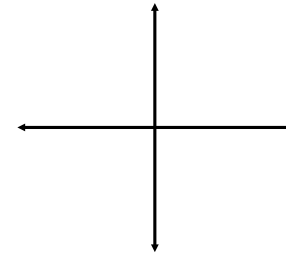
ex. think of two numbers that have a product = 0

What do you notice?

ex. $0 = x^2 - 6x + 5$



ex. Find the zeroes for the function $f(x) = 8x^2 + 4x - 60$



ex. The product of two consecutive even integers is 16 more than 8 times the smaller integer. Determine the integers.