

Method 2: Factoring

Try this method before resorting to method #3

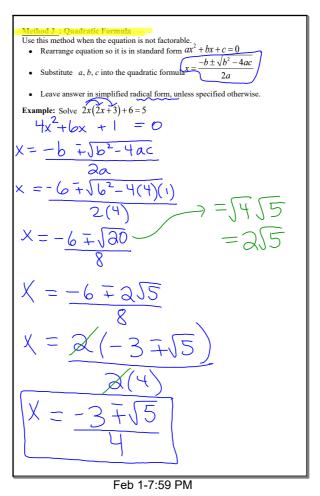
Rearrange equation so it is in standard form $ax^2 + bx + c = 0$

• Factor, if possible.

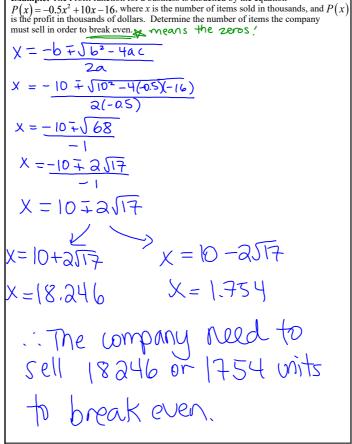
• Set each factor to 0 and solve each linear equation.

Example: Determine the roots of x(4x-5)=6 $0 = 4x^2 - 5x - 6$ 0 = (x - 2)(4x + 3) x-2 = 0 4x + 3 = 0 4x = -3 4x = -3

Feb 1-7:55 PM



Example: The Profit function for a business is modelled by the equation



Feb 1-8:00 PM

HW U1L4:

p. 177# 1bd, 2ad, 4,5,6bd,7,8c

Feb 15-12:25 PM