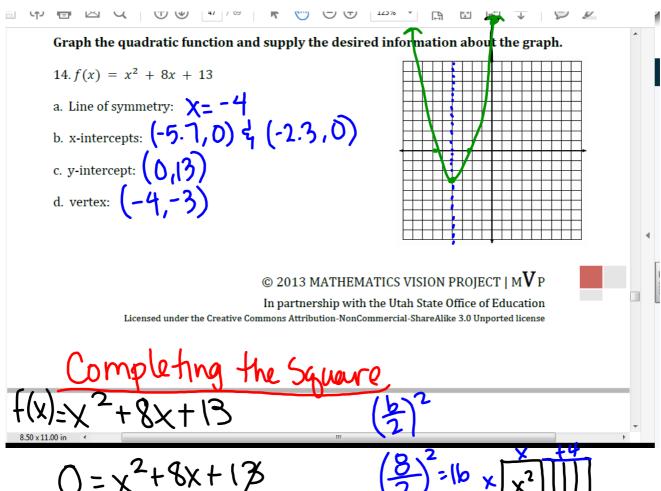
Starter

Get out your 3.7 packet and make sure #5-15 on pg.47-48 are finished. We will go over questions shortly and turn in 3.7 today.



$$0 = x^{2} + 8x + 13$$

$$-13 - 13$$

$$-13 = x^{2} + 8x + 16$$

$$3 = (x+4)(x+4)$$

$$3 = (x+4)^{2}$$

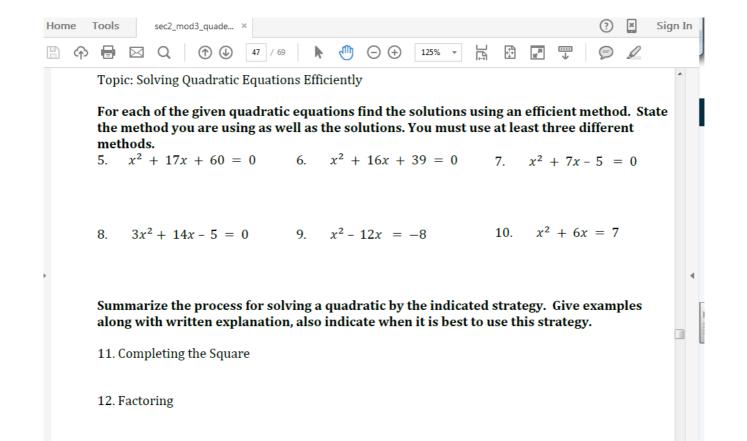
$$-3$$

$$0 = (x+4)^{2}$$

$$-3$$

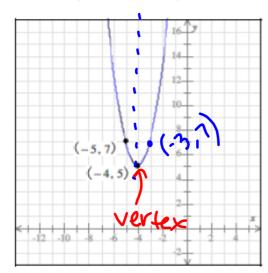
$$f(x) = (x+4)^{2} - 3$$
We ver the x : (-4, -3)

13. Quadratic Formula



Quadratic Formula:

33. Find the equation of the quadratic function f whose graph is shown below. $\bigvee : (\bigvee , \bigvee ; (\bigvee))))))))$



 $f(x)=a(x-h)^2+k$

$$f(x) = 2(x+4)^2 + 5$$

Solve for x-intercepts:

$$\frac{-5}{a} = 2(x+4)^2$$

32. Use the quadratic formula to solve for x.

$$i = \sqrt{-1}$$

-= = (X+4)2

