Find the coordinates of the Vertex and Focus and the equation of the Directrix.

equation of the Directrix.

$$x - 11 = \frac{2}{13}(y - 5)^{2}$$
Vertex $(11, 5)$
Focus $(\frac{101}{8}, 5)$
Directrix $x = \frac{75}{8}$

$$C = \frac{1}{4(\frac{2}{13})} = \frac{8}{13}$$

$$= \frac{13}{8}$$

$$= \frac{13}{8}$$

$$= \frac{13}{8}$$

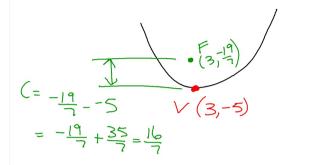
$$= \frac{13}{8}$$

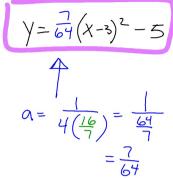
$$= \frac{101}{8}$$

$$= \frac{101}{8}$$

Write the equation of this parabola:

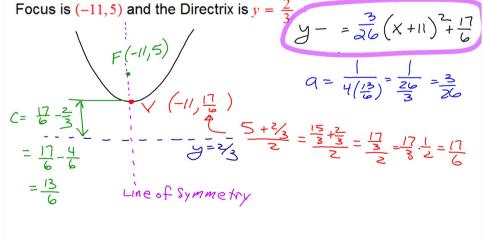
Vertex is (3,-5) and the Focus is $(3,-\frac{19}{7})$.





Write the equation of this parabola:

Write the equation of this parabola:



You can now finish Hwk #28

Practice Sheet: Translating Parabolas

Due Monday

We are done with Chapter 10

Ch 10 Test will be Tuesday

Project will be due on Tuesday