## Today's Plan:

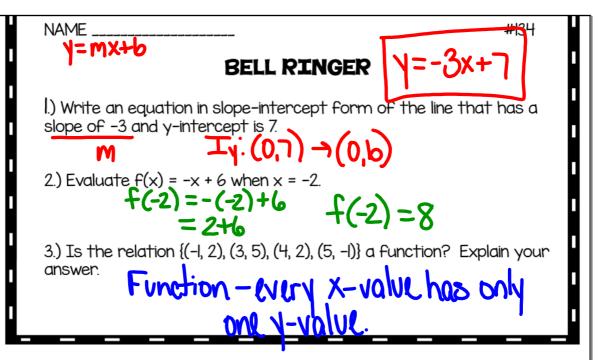
**Learning Target (standard)**: I will use the graphing calculators to solve quadratics systems.

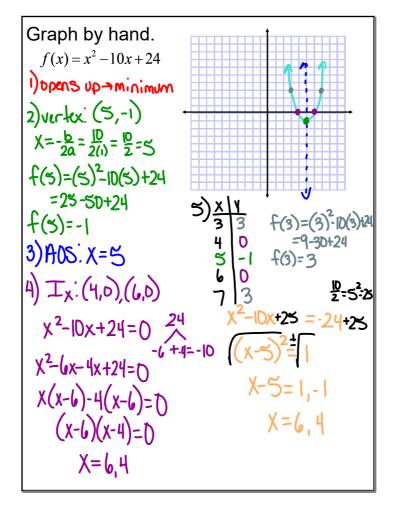
**Students will**: Complete practice problems over previous concepts at the boards, put up homework problems on the board and make necessary corrections to their own work, and take a quiz using DESMOS on quadratic functions.

**Teacher will**: Provide practice problems over previous concepts, check homework problems for accuracy and provide students feedback, describe and provide quiz problems.

Assessment: Board work, homework check and quiz

**Differentiation**: Students will work at the board, go over and correct homework at their seats, and actively engage in quiz problems.





Evaluate.  

$$f(x) = 2x^{2} - x + 2 \qquad g(x) = -4x + 3$$

$$3g(-3) - 2f(4) \qquad 9^{(-3)} = 4(-3) + 3$$

$$= 12 + 3$$

$$f(4) = 2(4)^{2} - 4 + 2 \qquad 9(-3) = 15$$

$$= 32 - 4 + 2 \qquad 39(-3) = 3(15)$$

$$f(4) = 30 \qquad 39(-3) = 45$$

$$2f(4) = 30 \qquad 39(-3) = 45$$

$$2f(4) = 60 \qquad 39(-3) - 2f(4) = 45 - 60$$

$$39(-3) - 2f(4) = -15$$