Integrated Math 3

Name

KF

4.5 (Day 1) Homework

Deriving Quadratic Functions

Answer the following questions.

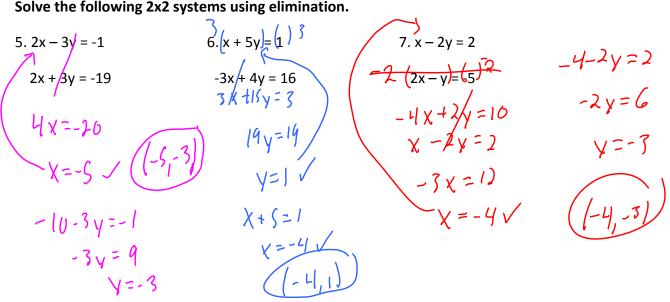
1. If you were given just one point, how many LINES could you create? $\underline{T_n f_{init}}$

2. If you were given just one point, how many PARABOLAS could you create? I_{1}

3. How many points does it take to create a unique LINE?

4. How many points does it take to create a unique PARABOLA? ______

Solve the following 2x2 systems using elimination.



Solve the following 3x3 system using elimination.

Solve the following 3x3 system using elimination.

$$f \lim_{x \to 2y \to 3z = -9} (3) 5x + y + z = 14 (3) -x + 2y - 3z = -9 (2) (3) 10x + 2y + 10z = 60 (2) (3) 10x + 2y + 2z = 50 (3) 10x + 2y$$

(1)
$$3(1) + y + 6 = 14$$

 $3 + y + 6 = 14$
 $y + 9 = 14$
 $y = 5$

