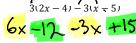
1) Simplify

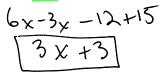
Name: Period:

-14 44, -8



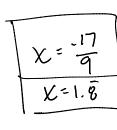
2) Simplify





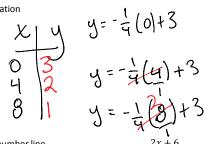
3) Solve



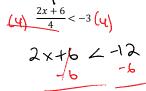


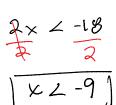
4) Graph the linear equation

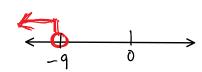
$$y = -\frac{1}{4}x + 3$$



5) Solve and graph on a number line

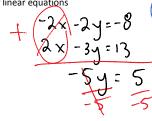


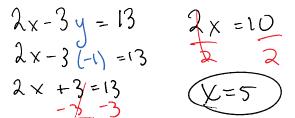


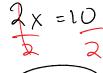


6) Solve the system of linear equations

$$-2\cdot (x+y=4)$$
$$2x-3y=13$$







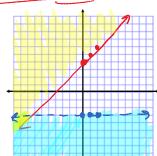


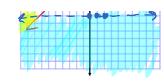
7) Graph the system of linear inequalities





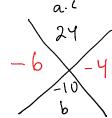




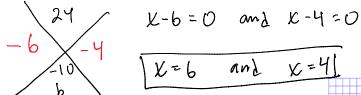


8) Find the zeroes of the quadratic function

$$0 = x^2 - 10x + 24$$



0=(x-6)(x-4)



9) Graph the quadratic function

$$5 = 2x^2 + 6x - 4$$

$$V = \frac{-6}{2a} \rightarrow X = \frac{-(6)}{2(2)}$$

$$\chi = \frac{-6}{2a} \rightarrow \chi = \frac{-(6)}{2(2)} \rightarrow \chi = \frac{-6}{4} \rightarrow \chi \leftarrow -1.5$$

v108 =
$$\sqrt{36.3}$$
 = $\sqrt{36.\sqrt{3}}$ = $6\sqrt{3}$