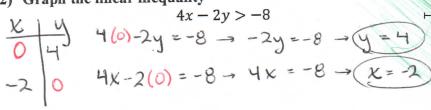
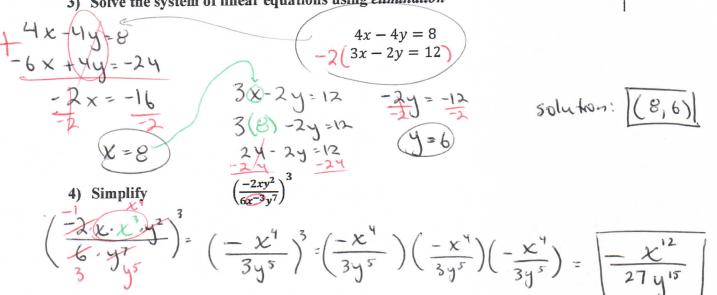


2) Graph the linear inequality



3) Solve the system of linear equations using elimination



5) Perimeter Question: A rectangle garden has a length of 4x - 7 and a width of 2x + 4 and a perimeter of 90 feet. What is the length and width of the garden to the nearest foot? (Draw a picture)

2x+4
$$p = 90$$
 2x+4 $90 = 4x-7+4x-7+2x+4+2x+4$
 $90 = 12x-16$ length = $4x-7$ width = $2x+4$
 $4x-7$ $96 = 12x$ $x = 20$ (a) +4 $x = 20$ (a) $x = 20$ (a) $x = 20$ (a)

Bonus!! Population Growth: The current population of Russia is estimated at 143.5 million. The 10-year growth rate shows the population decreasing by 3%. Using an exponential growth/decay model, what do you predict the population of Russia to be in 40 years? Show all calculations!!!

In 40 years, the population of Russia Should be about of 127.04 million people 127.04 million people of