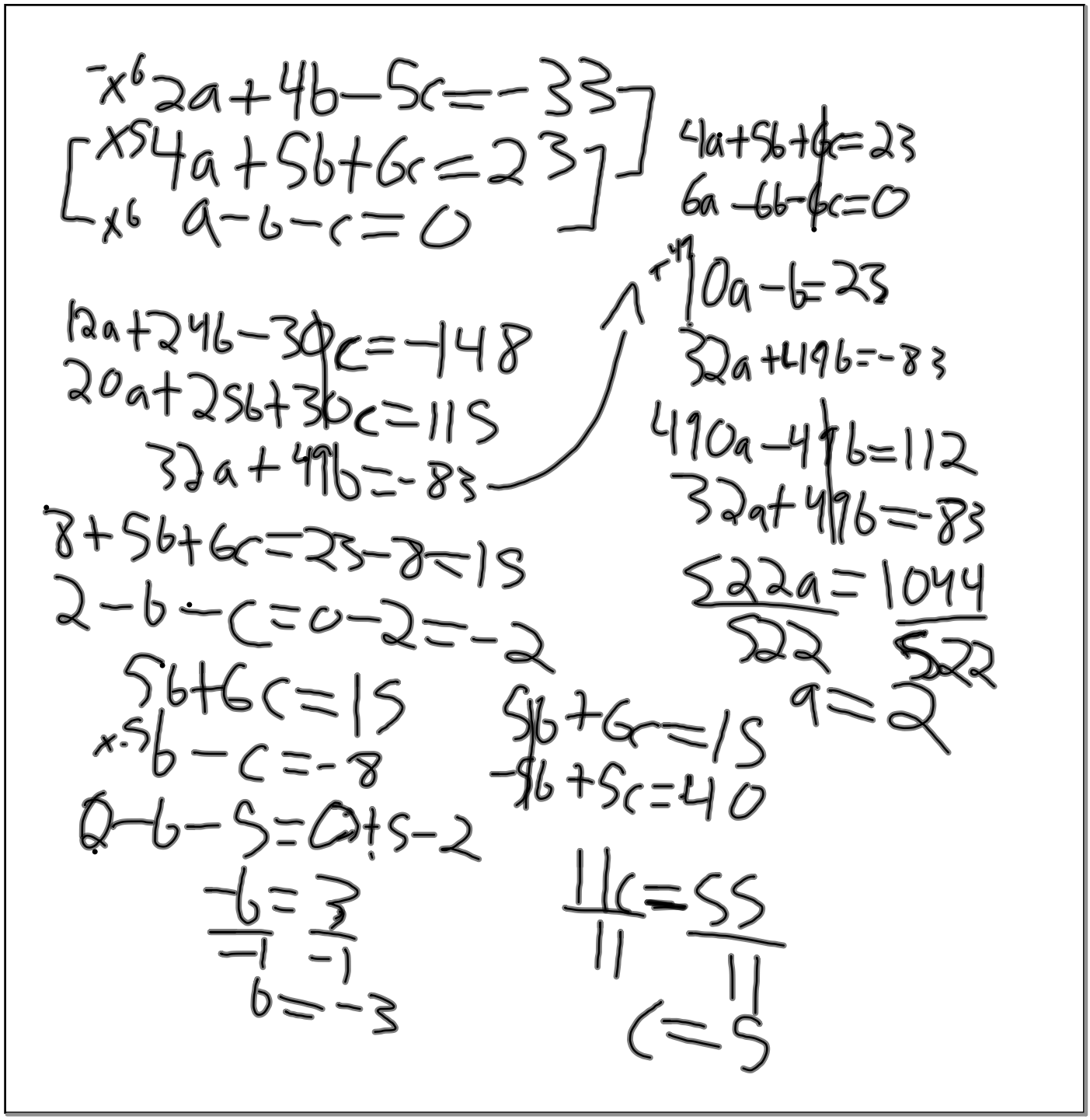
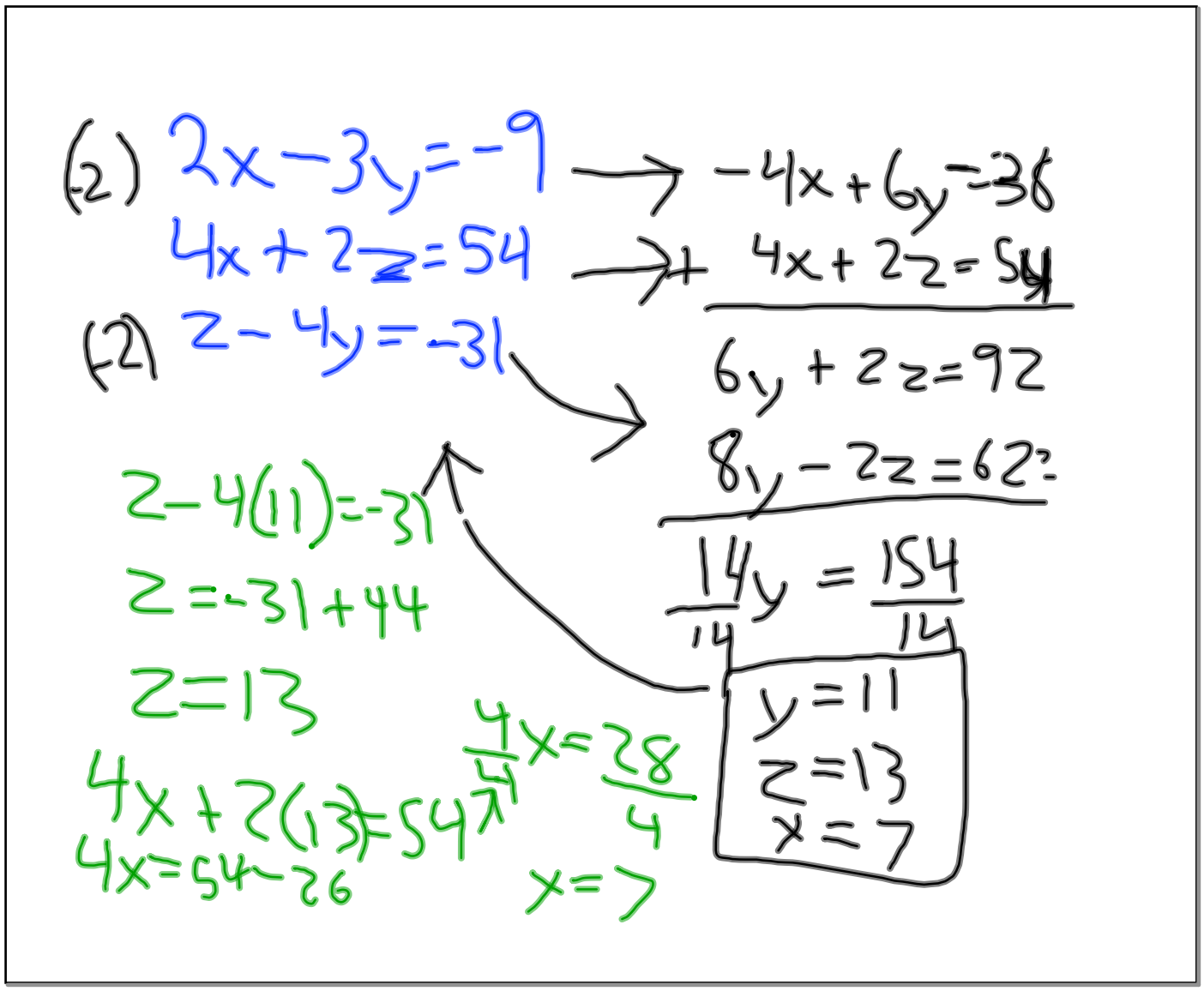

-x6 2a+4b-5c=-33
x5 4a+5b+6c=23
x6 a-b-c=0
4a+5b+6c=23
6a-6b-6c=0
x-1 10a-b=23
12a+24b-30c=-148
20a+25b+30c=115
32a+4b=-83
32a+4b=-83
490a-4b=112
522a=1044
522 522
a=2
a-b-c=0-2=-2
5b+6c=15
x-5 b-c=-8
2-b-5=0-5-2
-b=3
-1 -1
b=-3
5b+6c=15
-5b+5c=40
11c=55
11 11
c=5


(-2) 2x-3y=-9
4x+2z=54
(-2) z-4y=-31
-4x+6y=36
4x+2z=54
6y+2z=92
8y-2z=62
14y=154
14 14
y=11
z=13
x=7
2-4(11)=-31
z=-31+44
z=13
4x+2(13)=54
4x=54-26
4x=28
4 4
x=7

$a+b+c=55$

$5a+10b+20c=610$

$a+9=b$

$a+a+9+c=55$

$5a+10(a+9)+20c=610$

$5a+10a+90+20c=610$

$(20)\ 2a+9+c=55$

$40a+180+20c=1100$

$(+)\ 15a+90+20c=610$

$25a+90=490$

$25a=400$

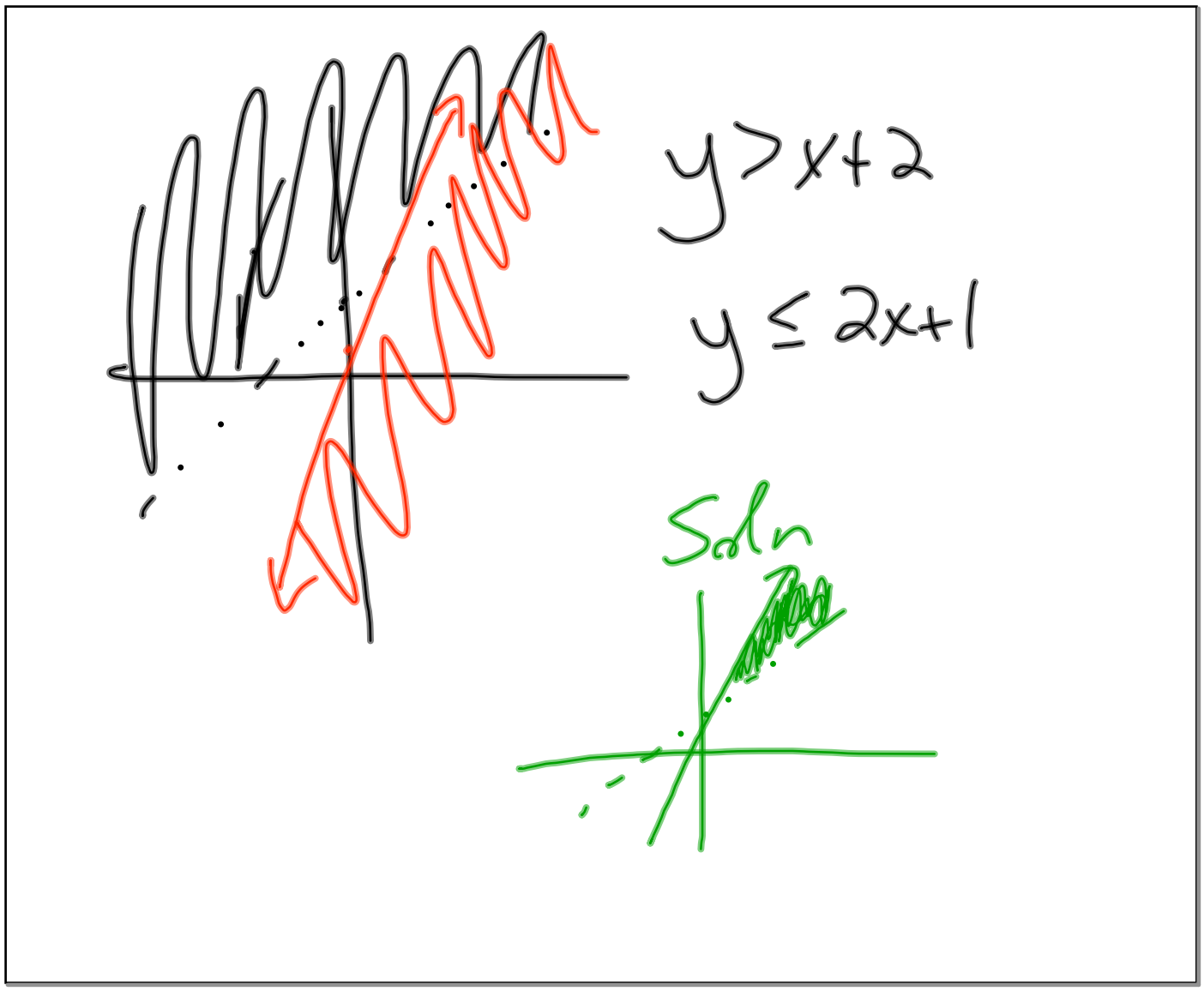
$\frac{25a}{25}=\frac{400}{25}$

$a=16$ $16+9$

$b=25$

$55-16-25$

there are 14 $20 bills


y > x + 2
y ≤ 2x + 1
Soln

p. 85
2.

$y < 3x - 2$

$y > -x + 3$

~~(0,0)~~ $(-1, -3)$

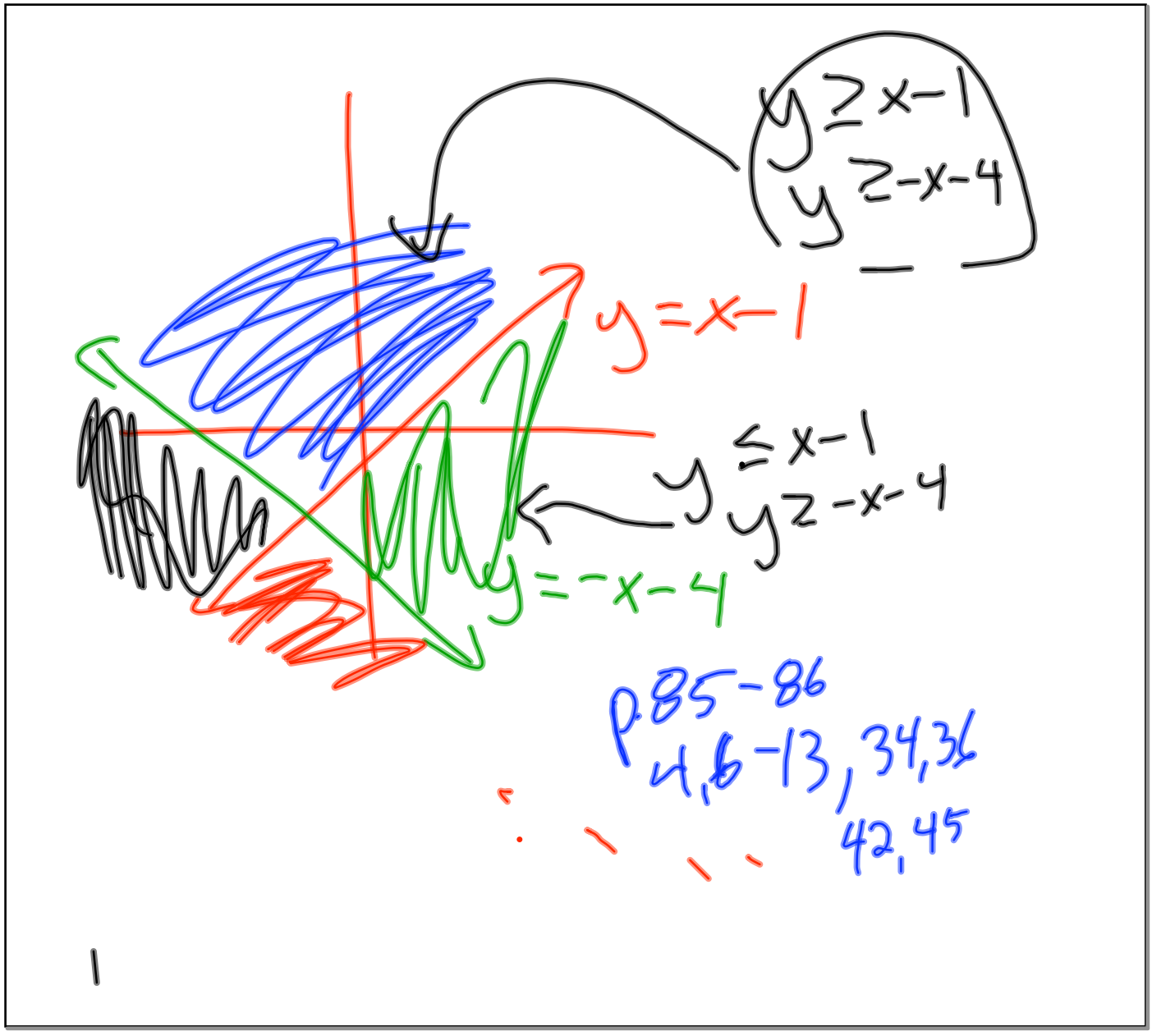
$0 < 3(0) - 2$

$0 < -2$

hot trap

$-3 < 3(-1) - 2$

$-3 < -5$


y ≥ x-1
y ≥ -x-4
y = x-1
y ≤ x-1
y ≥ -x-4
y = -x-4
p. 85-86
4, 6-13, 34, 36
42, 45
1