(29)

$g - 10h = 43$

$-g + 5h = 18$

$g - 10h = 43$

$-g + 5h = 18$

$-5h = 61$

$\frac{-5h}{-5} = \frac{61}{-5}$

$h = -\frac{61}{5}$

$-g + 5\left(-\frac{61}{5}\right) = 18$

$-g + -61 = 18$

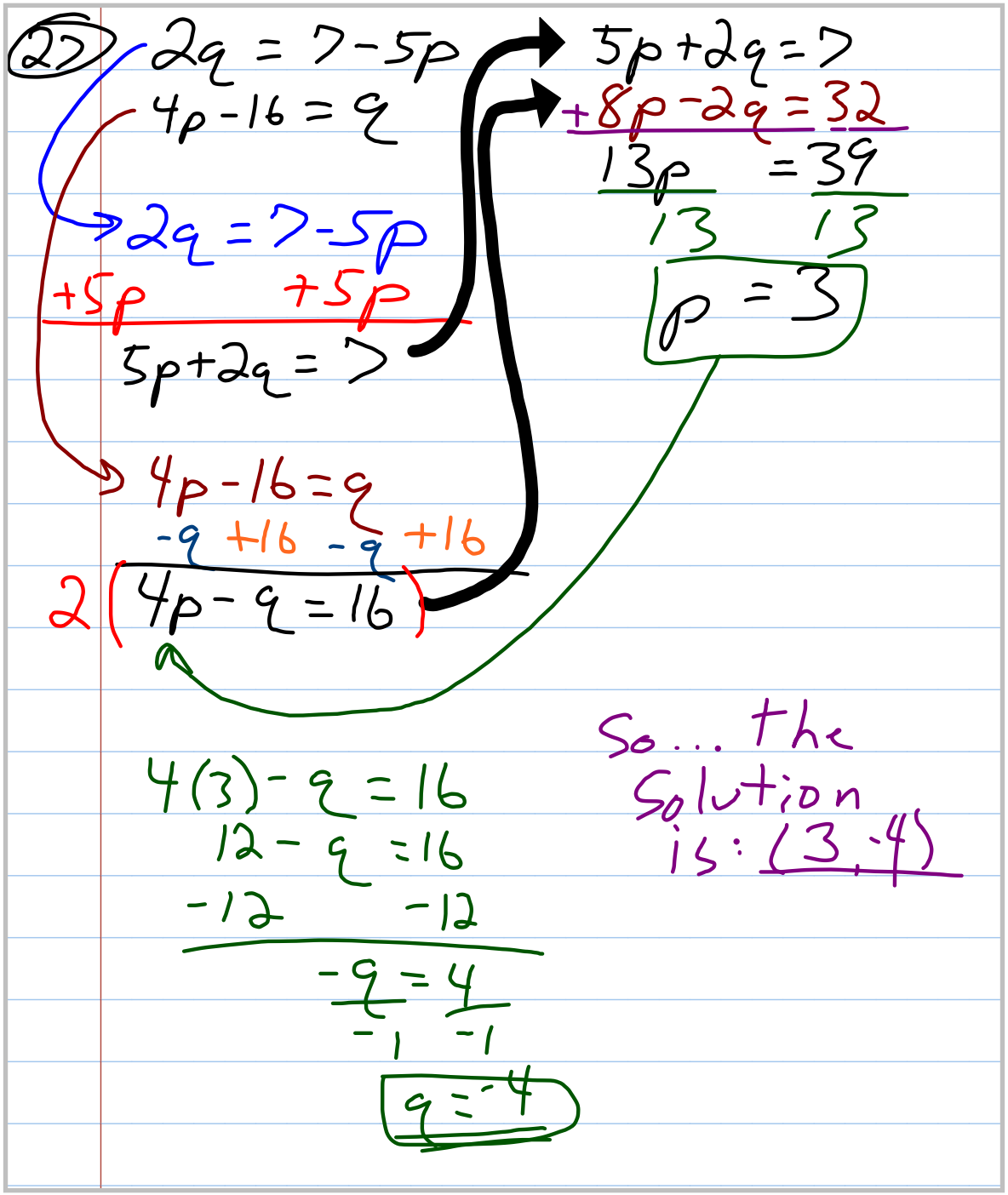
$+61 \quad +61$

$-g = 79$

$\frac{-g}{-1} = \frac{79}{-1}$

$g = -79$

So . . . the Solution is: $\left(-79, -\frac{61}{5}\right)$


(27)
2q = 7 - 5p
4p - 16 = q
2q = 7 - 5p
+5p +5p
5p + 2q = 7
4p - 16 = q
-q +16 -q +16
2(4p - q = 16)
5p + 2q = 7
+8p - 2q = 32
13p = 39
13 13
p = 3
4(3) - q = 16
12 - q = 16
-12 -12
-q = 4
-1 -1
q = -4
So... the Solution is: (3, -4)

(23)

$$x - 3y = 30$$
$$3y + x = 12$$
$$x + 3y = 12$$

$$x - 3y = 30$$
$$+\ x + 3y = 12$$
$$2x = 42$$
$$\frac{2x}{2} = \frac{42}{2}$$
$$x = 21$$

(22) $2(9m - 3n = 20) \rightarrow 18m - 6n = 40$

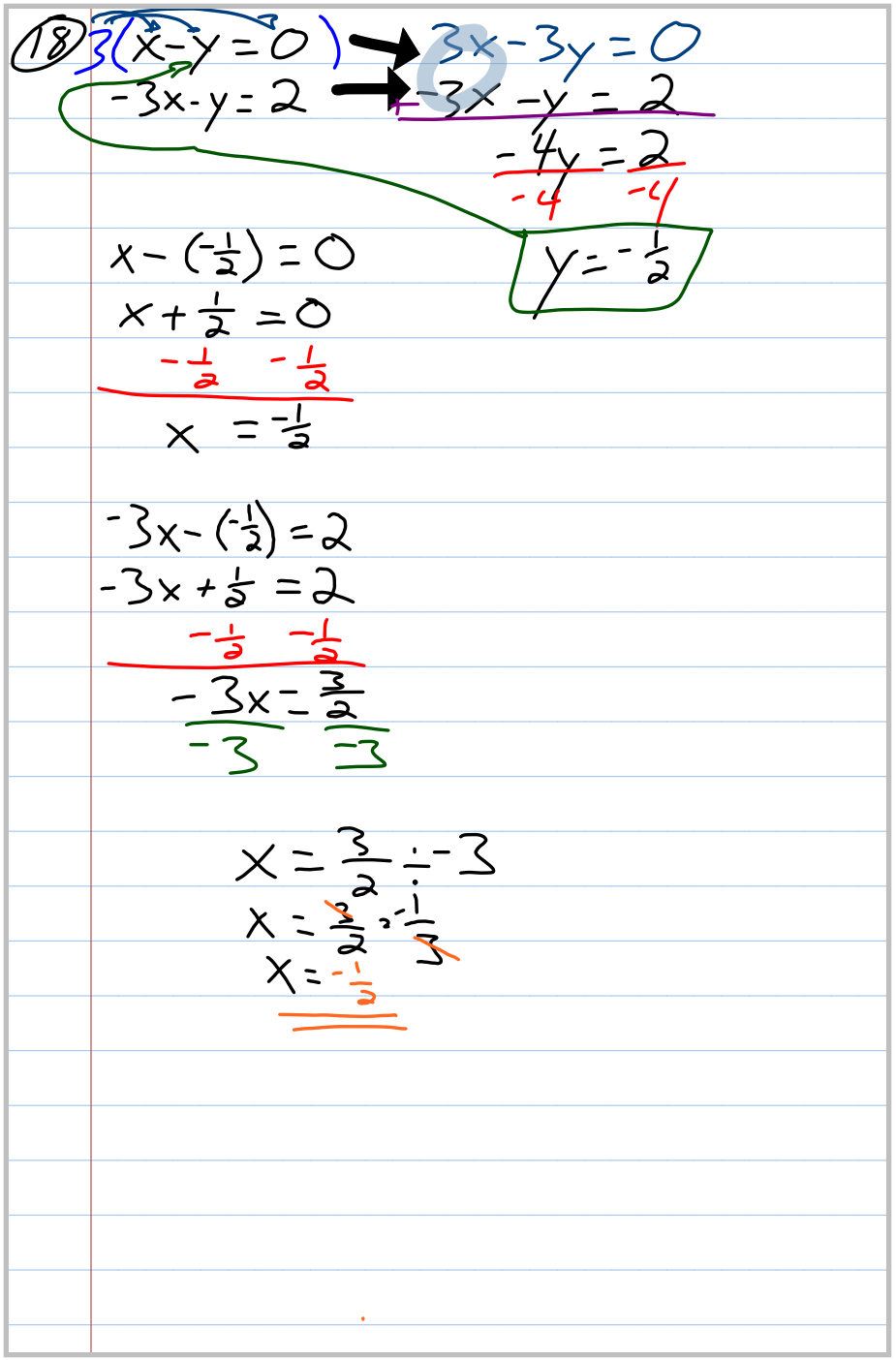
$3m + 6n = 2 \rightarrow 3m + 6n = 2$

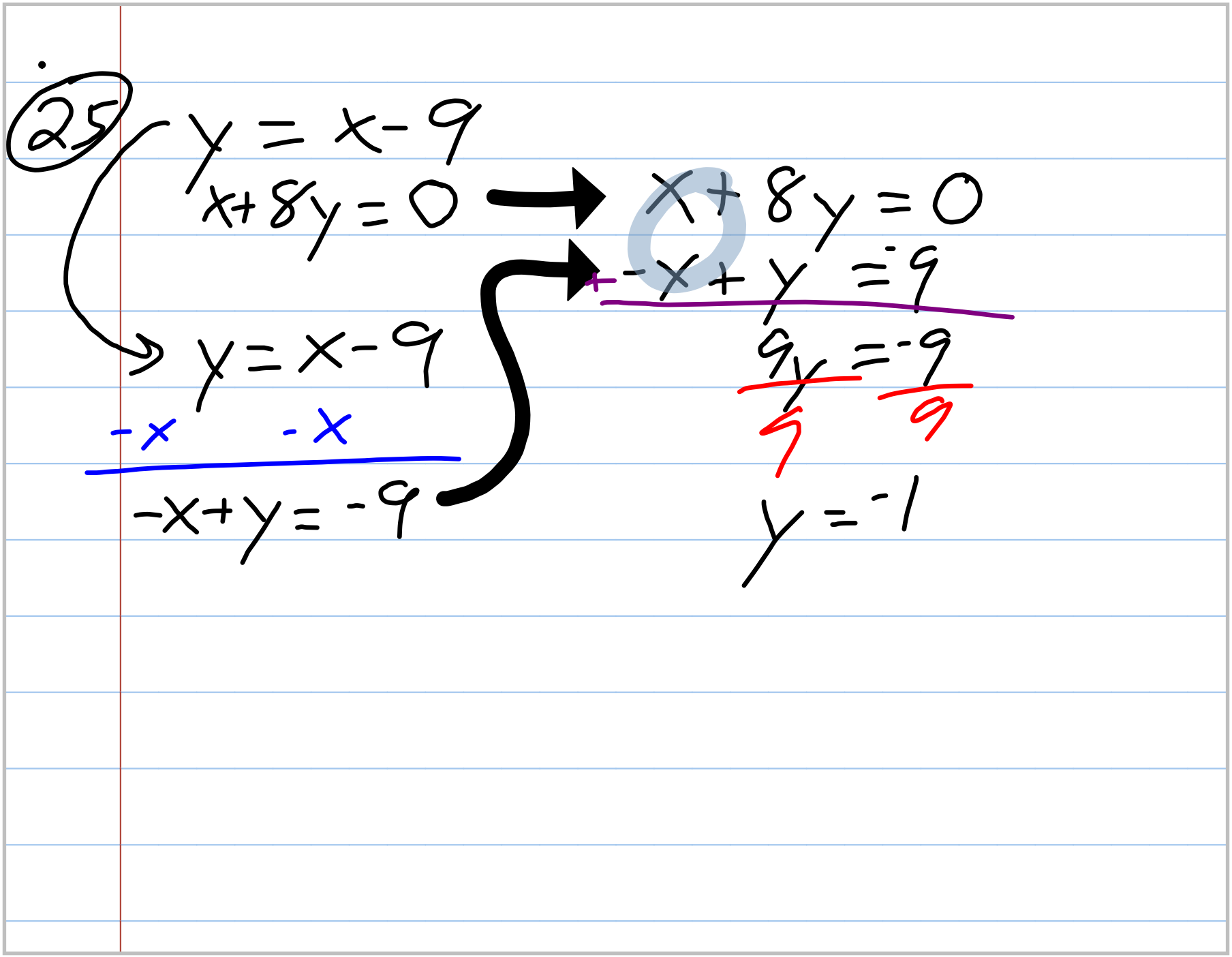
$+$

$21m = 42$

$\frac{21m}{21} = \frac{42}{21}$

$m = 2$


18
3(x-y=0)
-3x-y=2
3x-3y=0
-3x-y=2
-4y=2
-4 -4
y=-1/2
x-(-1/2)=0
x+1/2=0
-1/2 -1/2
x=-1/2
-3x-(-1/2)=2
-3x+1/2=2
-1/2 -1/2
-3x=3/2
-3 -3
x=3/2 ÷ -3
x=3/2 · -1/3
x=-1/2


25
y = x - 9
x + 8y = 0
y = x - 9
- x - x
-x + y = -9
x + 8y = 0
+ -x + y = -9
9y = -9
9 9
y = -1

O.T.L.

① pg 432: 13-18 all

- you MuSt get the 1st problem approved By me Before you Can leave & do the rest.

② Do the CHECK for every system problem from last Night & today's