[illegible]

[illegible] $ax+by=c$.

[illegible] (a,b), [illegible]

[illegible] $d=$ [illegible] (a,b), $a=da_1$, $b=db_1$. [illegible] (x_0,y_0) [illegible] $\begin{cases} x = x_0 + b_1 k \\ y = y_0 - a_1 k \end{cases}$, [illegible] k [illegible]

[illegible], [illegible].

1. [illegible].

[illegible] $13x + 8y=2$ [illegible] $34x-15y=2$ [illegible] $34x+51y=3$ [illegible] $109x+89y=1$

2. [illegible] 39, [illegible] 182 [illegible] 65. [illegible]?

3. [illegible] 5x+6y=101 [illegible]

4. [illegible] 4, [illegible] 5. [illegible] 20 [illegible] 4 [illegible] 5. [illegible] 10 [illegible] 2 [illegible] 0, [illegible] 7 [illegible] 3 [illegible] 2. [illegible]

	0	1	2	3	4
0					
1					
2	10				
3		7			

[illegible] 3×7, 4×6, 6×9. [illegible]?

5. [illegible] $2x+3y+5z=0$ [illegible] $2x+3y+5z=1$