Solve for xyy: (D) substitution (0) 3x - 2y = 5 2 elimination J (2) x + 4y = 4 (3) matrices cramer's rule substitution / Lisolate 3x-2y=5x + 4y = 4 2> (x)= $3\left(4-4y\right)-2y=5$ x= 4-4(2) 12 - 12y - 2y = 5=> -14y= 12 - 14y = 53x - 2y

x + 4y = 46x + 4y = 2(5) x + 4y = 47x + Oy Et ty = 4 2+ Ay 54 44 = 2

3x - 2y = 5x + fy = 4 variable side ron reduce (rubiks conte) 3 Rules (1) switching rows is ok 2) you can add/subtract a row w/ another row 3) you can multiply / divide a row w/ a # minis row

3 -2 | 5]

Winning goals:

O get a 1 top left corner

\[\tag{1} - 1 - 7 \]

everything below he o. Rule 2 -2 1'5 7 R2 -7 R2 + K1 4 4 J R2 -2 | 57 Not ok R. 7 2/97 1 4 4 5 1 4 14 $\int_{1}^{6} \frac{1}{4} \int_{1}^{6} \frac{1}{4} \int_{1}^{6}$

101-211-17

1x + 2y = 203x + 4y = 24

using matrix

The same of the 3 away.

 $R_2 \rightarrow R_2 - R_1$

-2/20 -2/24-60

C> 51 2 1 20 7

