ATIVIDADE

1-

b)
$$(2x7) - (9x3) = -13$$

b)
$$(2x7) - (9x3) = -13$$
 e) $(1/2 x4) - (1/3 x 3) = 1$

c)
$$(1x2) - (-1x2) = 4$$

2-

$$X^2 - 2x - (-3x+(-6)) = 12$$

$$X^2 - 2x - (-3x-6) = 12$$

$$X^2 - 2x - (-3x) = 12 + 6$$

$$X^2 - (-3x+2x) = 18$$

$$X^2 = (-1x) = 18$$

$$X^2 = 18/1x = x^2 = 18, logo x = 9$$

3-

$$3x - 5x + 10 = x$$

$$3x - 5x - 10 = x$$

$$-2x - 10 = x$$

$$-2x - x = 10 = -3x = 10$$
 $x = 10/3$

4-

$$3 + x = -1 \quad 3 >>> x = -1 \quad 3 - 1 \quad 3$$

a13

1

0

-2

```
[0 \quad -1 \quad -2] \quad [0 \quad 1 \quad 2] \quad [0 \quad -1 \quad -4 \quad 0 \quad -1]
```

$$[1 \quad 0 \quad -1] \quad [-1 \quad 0 \quad 1] = [-1 \quad 0 \quad -1 \quad -1 \quad 0]$$

0 1 4 -4 -4

Det A = (-4 - 4) - (1 + 1) = -8 - 2 = 10

Det A = 10

6-

8)

$$1 \quad 1 \quad 2 \quad + \quad -1 \quad -1 \quad 1 \quad = \quad 0 \quad 0 \quad 3 \quad 0 \quad 0$$

0 0 0 0 0

$$2x3 + 3 - 2 = 0$$

10-
$$1 + 5x1 - 1 = 5$$
 Sim

$$7 - 2 + 3 = 8$$

$$2 - 5 + 11 = 8$$

$$2 - 1 + 3 = 4$$
 Não

16-

a)
$$3x + 2y = 0$$

b)
$$5x + 7y - 2z = 11$$

$$2x + 5y = 0$$

$$x - y + 3z = 13$$

18 -

$$9x + y = 18$$

$$9 + y = 18$$
 (1,9)

$$3x + y = 12$$

$$v = 18 - 9$$

$$6x = 6$$
 $x = 6/6 = 1$