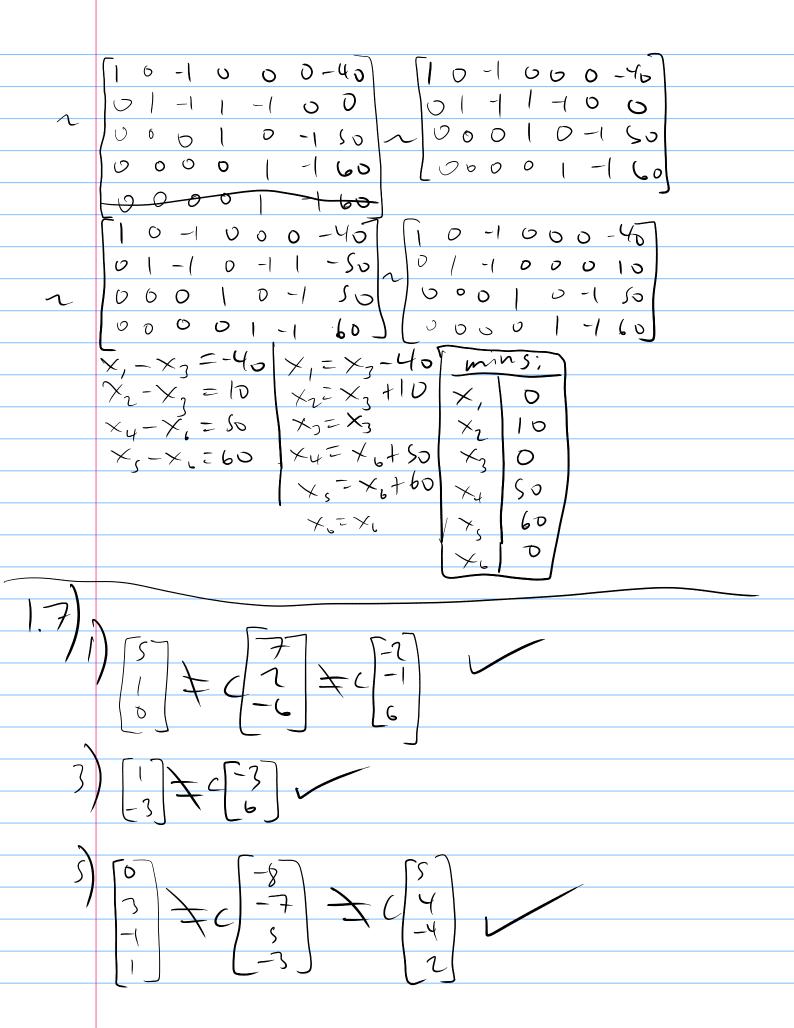
ssighment 3 13 C6 H5 O7 > Na3 C6 H5 O7 + 4,0+(0, \times_3 Na 41 6 8 \times^{+} +×2 0 3 -3 0 0 S 0 00 0 8 -2 6 -3 7 1 0 \bigcirc 0 0 0 1 0 0 6 0 0 -7 - 7 0 0 0 0 0 O 0 \circ -1/6 1/8-1/6 0 \bigcirc 6 \bigcirc 0 0 7-470 \bigcirc -9/56-2/7 \bigcirc 11/28 0 0 0 0 \bigcirc 0 0 0 -1/4 6 O 1/3 0 4/3 \circ 0 0 0 -23/42 0 \bigcirc 0 Ŏ 0 -3/20 0 O' 0 0 9 \bigcirc - ? -1/4 0 116 (-1/4 S 0 -1/0 0 0 -1/1 7/3 1 \bigcirc 0 0 0 0 0 0 -443 -4C/3 0 G 0 0 \bigcirc -110 0 = 0 -11/3 0 \mathcal{O} 0 0 0 0 C 0 0 0

```
21+ Na H(O3+ 1/3+ H3(cH5O3>7+NasCH5O3+46+1120,
   t is a multiple of ?
  3) A: 30+x=80+x, -x,+x=50
   B: \times_{3}+\times_{3}=\times_{2}+\times_{4}

C: |00+x_{1}=\times_{5}+40| -\times_{5}+\times_{6}=-60

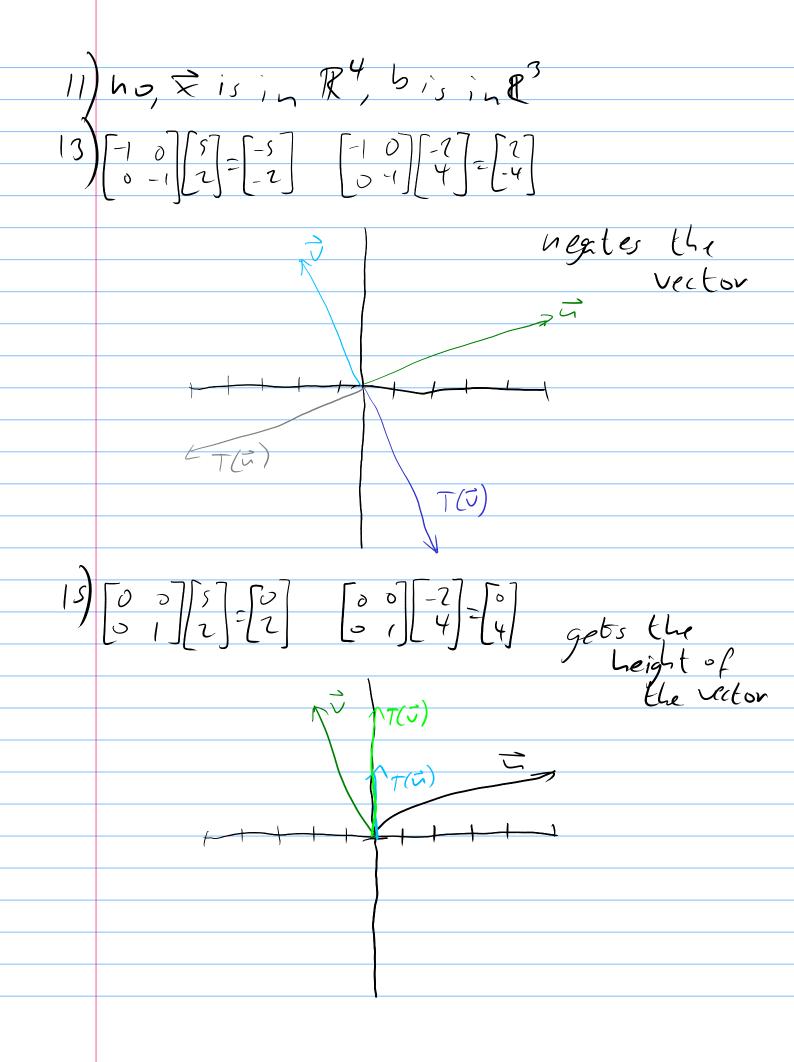
D: 40+\times_{4}=\times_{6}+90| \times_{4}-\times_{6}=50

E: \times_{1}+60=\times_{3}+20| \times_{1}-\times_{3}=-40
   10-1000-40][-11000050
```



$$||T(x)^{2}|^{2}$$

$$T(\vec{x}) = \begin{bmatrix} 10 \\ 01 \end{bmatrix} \begin{bmatrix} 1 \\ -3 \end{bmatrix} = \begin{bmatrix} 2 \\ -6 \end{bmatrix}$$



$$T([0]) = [0], T([0]) = [-1]$$

$$A = \begin{bmatrix} \alpha_1 & b_1 \\ \alpha_2 & b_2 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix} = \begin{bmatrix} \alpha_1 \\ \alpha_2 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix} \begin{bmatrix} b_1 \\ b_2 \end{bmatrix} \begin{bmatrix} -1 \\ 0 \end{bmatrix}$$

$$A = \begin{bmatrix} 1 & -1 \\ 5 & 1 \end{bmatrix}$$

$$T(x) = \begin{bmatrix} 1 & -1 \\ 5 & 1 \end{bmatrix}$$

$$T(\begin{bmatrix} 5 \\ -3 \end{bmatrix}) = \begin{bmatrix} 1 & -1 \\ 5 & 1 \end{bmatrix}$$

$$T\left(\begin{bmatrix} x_1 \\ x_2 \end{bmatrix}\right) = \begin{bmatrix} 2 & -1 \\ 5 & 6 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} = \begin{bmatrix} 2x_1 - x_2 \\ 5x_1 + 6x_2 \end{bmatrix}$$