

12. A store sells large and small tins of both yellow and blue paints the selling price of a large tin of either color is \$ h and of a small tin of either color is \$ m

	Large	Small
Yellow	5	3
Blue	6	4

The total income from the sale of yellow paint was \$84 and from the blue paint was \$104.

- Write an equation to describe the problem in the matrix form.
- Find A^{-1} .
- Find the value of h and m

13. Let $A = \begin{bmatrix} 2 & -3 \\ -1 & 1 \end{bmatrix}$. Find A^{-1} and use it to solve the linear system of equations.
- $$\begin{cases} 2x - 3y = 7 \\ -x + y = -3 \end{cases}$$