

$$C = A \times B$$

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$$A \rightarrow m \times n$$

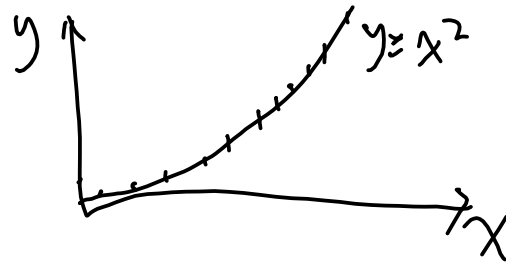
$$B \rightarrow n \times k$$

$$\rightarrow C \rightarrow m \times k$$

$$A^{-1} \Leftrightarrow \frac{1}{A}$$

$$a \times \frac{1}{a} = 1$$

$$y = f(x) = x^2$$



$$A \cdot A^{-1} = I_n$$

$$F = A/B = A \times B^{-1}$$

$$I_n = \begin{bmatrix} 1 & & & 0 \\ 0 & 1 & & \\ & & \ddots & \\ 0 & & & 1 \end{bmatrix}_{n \times n}$$