

La matriz resultante es,

$$\left[ \begin{array}{cc|c} 6789/1000 & 307/125 & -1/12 \\ -3141592653/1000000000 & 4444 & 12 \end{array} \right]$$

⇒ dividimos la fila 1 dentro de  $\frac{6789}{1000}$

$$\left[ \begin{array}{cc|c} 1 & 2456/6789 & -250/20367 \\ -3141592653/1000000000 & 4444 & 12 \end{array} \right]$$

⇒ restamos  $\frac{-3141592653}{1000000000}$  veces la fila 1 a la fila 2

$$\left[ \begin{array}{cc|c} 1 & 2456/6789 & -250/20367 \\ 0 & 1257417989648157/282875000000 & 324824802449/27156000000 \end{array} \right]$$

⇒ dividimos la fila 2 dentro de  $\frac{1257417989648157}{282875000000}$

$$\left[ \begin{array}{cc|c} 1 & 2456/6789 & -250/20367 \\ 0 & 1 & 24746275212475011/109584920738555492 \end{array} \right]$$

⇒ restamos  $\frac{2456}{6789}$  veces la fila 2 a la fila 1

$$\left[ \begin{array}{cc|c} 1 & 0 & -1190435563793549824/2273739225870328531 \\ 0 & 1 & 24746275212475011/109584920738555492 \end{array} \right]$$

$$\therefore \left[ \begin{array}{cc|c} -1190435563793549824/2273739225870328531 \\ 24746275212475011/109584920738555492 \end{array} \right]$$