ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP055	Matrix Operations		Date	April 2015
			CPII OS	02.00.2000.0000

Start in Main and open the Math2 keyboard.

To create a 3 row and 4 column matrix, tap $[\blacksquare]$ twice and $[\blacksquare\square]$ three times.

To create a square matrix, tap $[\blacksquare\blacksquare]$ the required number of times.

Calculate $3\begin{bmatrix}1\\2\end{bmatrix}+4\begin{bmatrix}2\\5\end{bmatrix}$.

Enter the expression as shown and tap **EXE**.

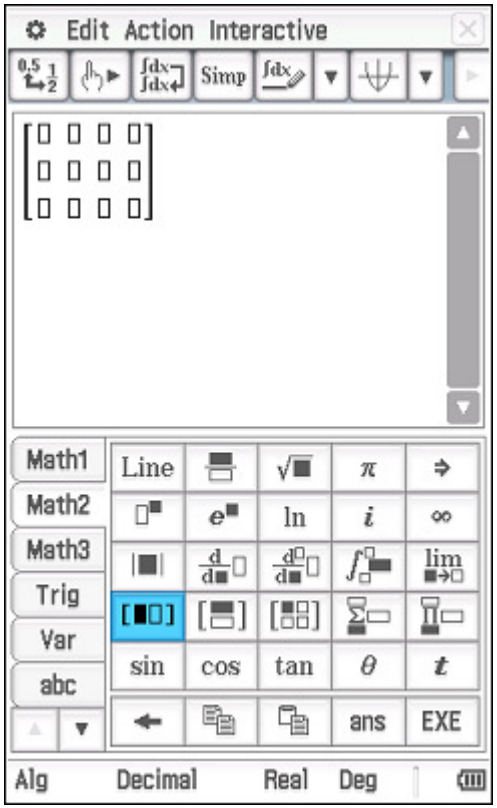
Calculate $\begin{bmatrix}2&1\\6&4\end{bmatrix}\times\begin{bmatrix}11\\26\end{bmatrix}$

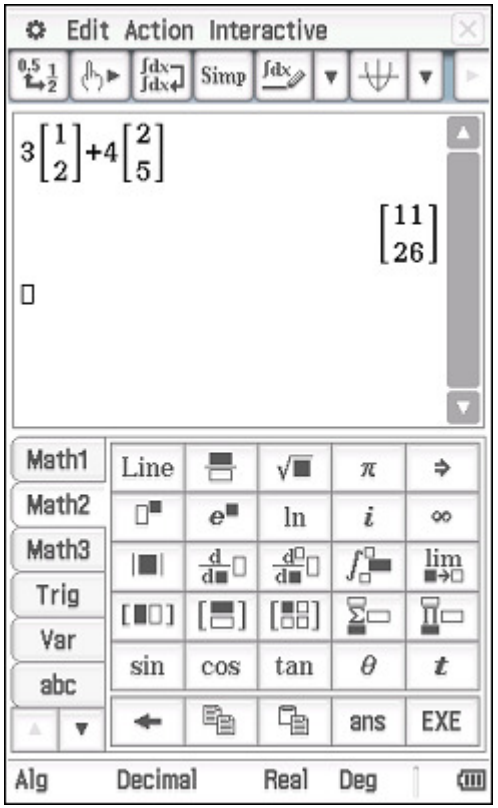
Enter the expression as shown and tap **EXE**.

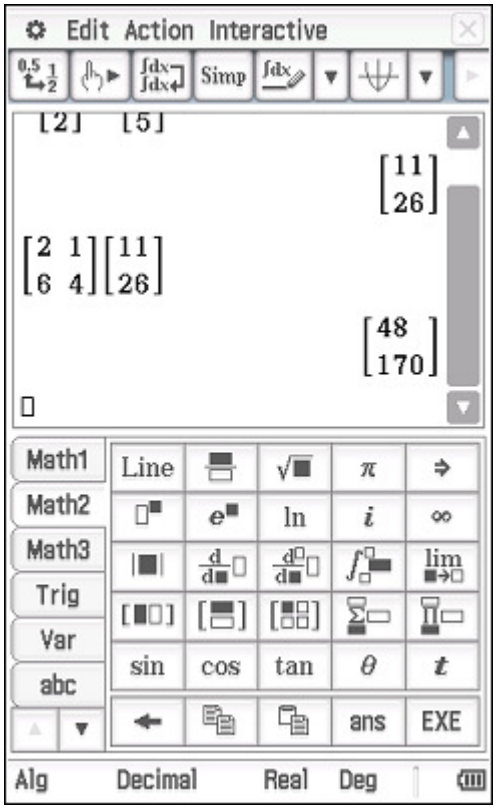
Find the determinant of $\begin{bmatrix}2&1\\6&4\end{bmatrix}$.

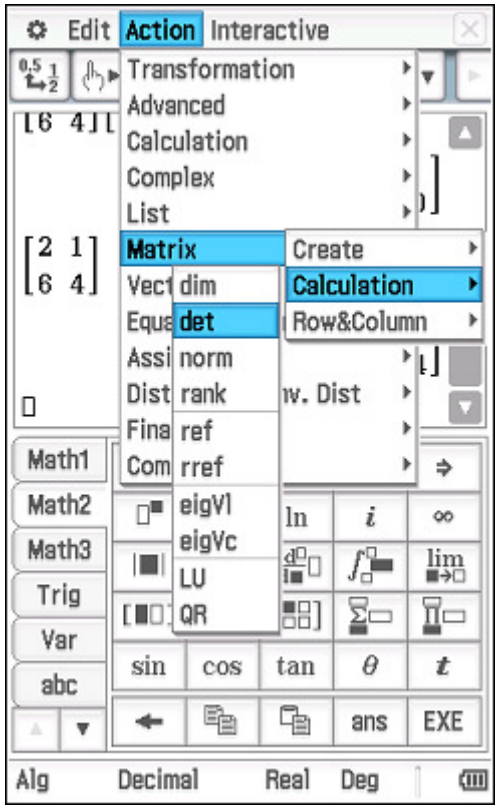
Create the matrix and tap **EXE**.

Tap **Action**, **Matrix, Calculation**, **det** and tap **EXE**.





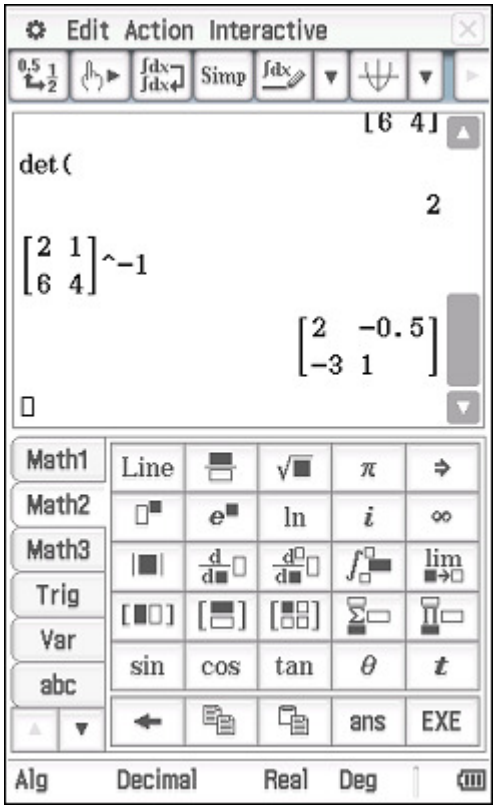




ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP055	Matrix Operations		Date	April 2015
			CPII OS	02.00.2000.0000

Find the inverse of $\begin{bmatrix} 2 & 1 \\ 6 & 4 \end{bmatrix}$.

Create the matrix, raise it to the power of -1 and tap **EXE**.



Sometimes it is useful to assign a matrix to a variable.

Create the matrix and follow with ⇒ and a suitable variable name, such as A.

Now enter **2A** and tap **EXE**.