Chapter 12 / **Example 9**

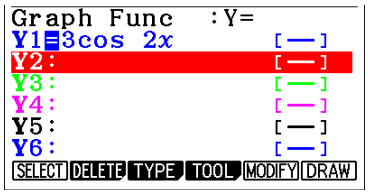
Sketching trigonometric graphs

Sketch the graph of $y = 3\cos 2x$, $0 \leq x \leq 2\pi$.

Press [MENU] 5 [GRAPH] to display the equation entry screen.

Type 3 [cos] 2 x and close the parentheses.

Press [EXE]



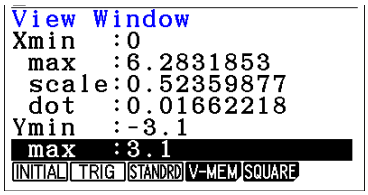
To change the axes to the domain $0 \leq x \leq 2\pi$ press [SHIFT] [F3] V-WIN.

Set Xmin to 0, max to 2π and scale to π / 6

The GDC will convert these values to decimal form.

You can leave the other items as they are.

Press [EXIT] when you have finished.



Press [F6] DRAW to display the graph screen.

The GDC displays the graph for the domain $0 \leq x \leq 2\pi$.