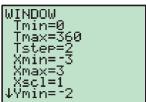# CHAPTER 8 - GRAPHING PARAMETRIC EQUATIONS
TI-84 Plus

Draw the parametric equation: $\{(x, y) : \ x = \cos t, \ y = \sin t, \ 0° \leqslant t \leqslant 360°\}$
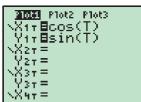
Step 1   Press MODE and ensure your calculator is in **Degree** mode and **Parametric** mode.

Step 2   Press WINDOW . Set **Tmin** to 0, **Tmax** to 360, **TStep** to 2, **Xmin** to -3, **Xmax** to 3, **Ymin** to -2, and **Ymax** to 2.

Step 3   Press Y= and enter $\cos t$ into $\mathbf{X_{1T}}$ and $\sin t$ into $\mathbf{Y_{1T}}$.

Step 4   Press GRAPH to draw the parametric equation.