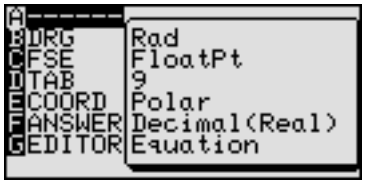
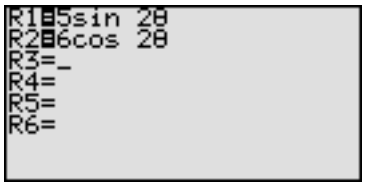
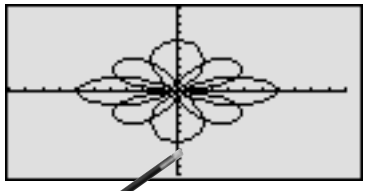
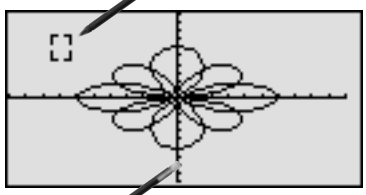
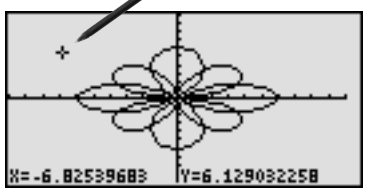
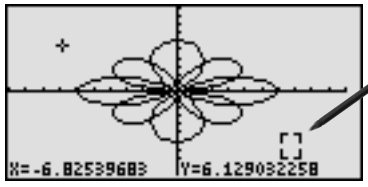
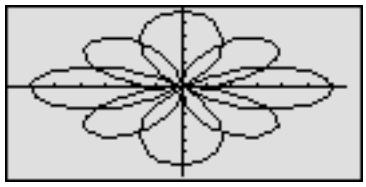
Polar coordinate graphs

Example

Use polar coordinate mode to draw a picture of a flower and enlarge it on the screen.

Before carrying out the following operation, press the reset switch located on the back of the unit and press [CL] [ENTER] keys (caution: previously entered equations and memory will be erased).

	Key Operation	***Display***	***Notes***
1	[2nd F] [SET UP] [E] [3]		Specify Polar mode on the screen. [As shown, Polar corresponds to [E COORD]. The example shows when only coordinate is changed.]
2	[Y=] [5] [sin] [2] [X/θ/T/n] [ENTER] [6] [cos] [2] [X/θ/T/n] [ENTER]		Enter the graph equations "5sin2θ and "6cos2θ" respectively at [R1] and [R2]. (This completes the graph equation).
3	[GRAPH]		Display the graph. An eight-petaled flower is drawn.
4	Press [ZOOM] [A] [2] and use the attached pen to touch the screen directly.		Use the attached pen to touch the top left corner of the area to be enlarged. ([ ] will appear).
5	Touch the inside of the [ ] once more. [The operations in [4] and [5] above can also be carried out using keys. Press [ZOOM] [A] [2], move cursor and press [ENTER].]		Touch the inside of the [ ] once more and + cursor will appear. (The + cursor corresponds to the top left corner of the area to be enlarged).
6	Use the attached pen to touch the screen directly.		Use the attached pen to touch the bottom right corner of the area to be enlarged. ([ ] will appear as before).
7	Touch the inside of the [ ] once more. [This operation can also be carried out using [ENTER] key.]		Touch the inside of the [ ] once more and the screen will be enlarged up to the cursor positions.