# Rectangular coordinate graphs

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Example

Use rectangular coordinate to enter two graph equations and shade the area surrounded by the graphs
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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 | 1 |

Specify Rect mode on the screen.

[As shown, Rect corresponds to **E COORD** . The example shows the initial settings of the EL-9650/9600c.]

2 | Y = | 7 | sin | X/θ/T/n |
| + | X/θ/T/n | ENTER |
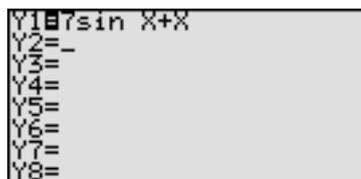
Enter graph equation "7sinX+X" at Y1.

3 | X/θ/T/n | + | 1 |
| ENTER |
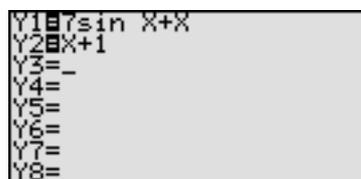
Enter graph equation "X+1" at Y2.

4 | GRAPH |
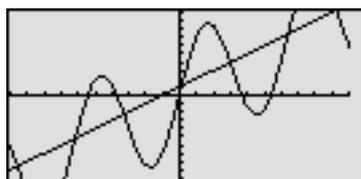
Display the graph.

5 | 2nd F | DRAW | G | 1 |
| – | – | ▶ | – |
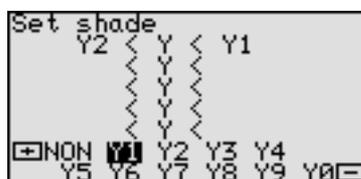
Specify the area surrounded by the two graph equations to be shaded. (Y2<Y<Y1 on screen shows area to be shaded as larger than Y2 and smaller than Y1).

6 | GRAPH |
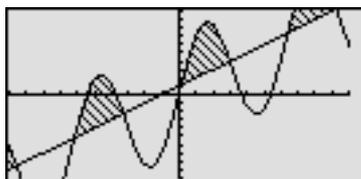
Return to the graph display and the specified area will be shaded.

SHARP