In Graphics(1,2) and (1,3) modes, the computer divides each pixel-row into 32 groups of 8 pixels each. (This is most obvious when you assign a background-color other than cyan or transparent.) The computer can assign 1 foreground-color and 1 background-color (from among the 16 available colors), to each 8pixel group.

Program The following program uses DRAWTO to create a pattern across the top of the screen.

100 CALL GRAPHICS(3) 110 CALL CLEAR 120 A=20::B=20 130 CALL DRAW(1,A,B,A,B) 140 FOR X=1 TO 10 150 B=B+20 160 CALL DRAWTO(1,A,B) 170 CALL DRAWTO(1,A+20,B-20) 180 CALL DRAWTO(1,A+20,B) 190 CALL DRAWTO(1,A,B-20) 200 NEXT X 210 GOTO 210 (Press CLEAR to stop the program.)

A new command or program statement CALL PSET(X,Y) can be used to set starting point for DRAWTO.