

Special note 3: You should clear any collision registers that you plan to use at the start of a program.

COLOR

Type: BASIC command

Format: COLOR integerexpression

Description: The integerexpression determines the color which will be placed on the screen by any succeeding PLOT statements. The following example plots a point in the upper left portion of the screen; the color is determined by color register 1.

```
10 GRAPHICS 3%
20 COLOR 2%
30 PLOT 5%,3%
```

COS

Type: real function

Format: COS(realexpression)

Description: Returns the cosine of the value of the realexpression. Radians are assumed unless you have given the DEG command.

Example:

```
10 A=0.32
20 PRINT COS(A)
```

DATA

Type: BASIC command

Format: DATA data items

Description: Used with READ statements to enter data. DATA statements are non-executing and may be placed anywhere in the program, but must be the first statement on a line. See READ. If you want to put a comma in a string, use the inverse key to enter an inverted comma (a black comma in a white background). During the compile, Advan BASIC automatically switches inverted commas in data statements to normal commas.

Example:

```
10 READ A,A$,A%
20 PRINT A,A&,A%
30 DATA 5.2,ABC!,-5
RUN
5.2      ABC!      -5
```