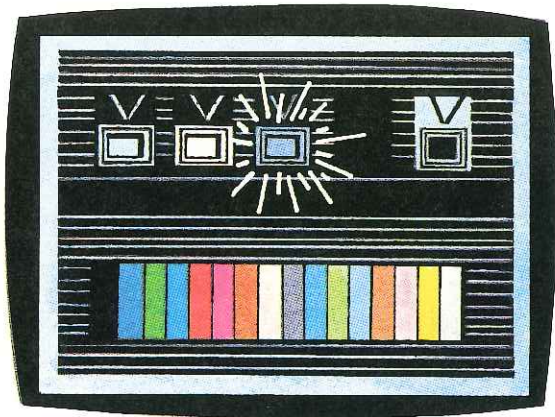# Test Tag 8 - 80 Column Display Test

Note: This test applies to color and non-color
displays. Remember, because colors vary, the
colors in this book may not match the colors on
your screen.

If, while running the 80CD TEST, you wish to
discontinue the test and return to the First IBM PC*jr*
Test Menu Screen, press Fn, then press Break.

1   Do the shapes of the blocks and
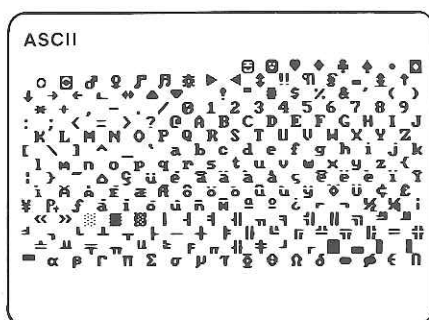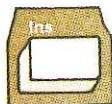figures on your screen match those in
the example below?

YES - Press and go to Step 2.

NO - Have your IBM PC*jr*
serviced. See "Service
Information" in this
section.

2   Does your screen match the example below?

YES –   Press

and go to Step 3.

NO –   Have your IBM PC*jr* serviced. See "Service Information" in this section.
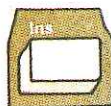
3   Does your screen match the example
below?

```
    48 X 25
 +"#$%&'( )*+,   /01234'6789:;< >?@ABCDEF<,
 '"#$%&'( )*+,   /01234'6789:;< >?@ABCDEFGH
 "#$%&'( )*+,   /01234'6789:;< >?@ABCDEFGHI
 #$%&'( )*+,   /01234'6789:;< >?@ABCDEFGHIJ
 $%&'( )*+,   /01234'6789:;< >?@ABCDEFGHIJK
 %&'( )*+,   /01234'6789:;< >?@ABCDEFGHIJKL
 &'( )*+,   /01234567893;< >?@ABCDEFGHIJKLM
 '( )*+,   /0123456789:;< >?@ABCDEFGHIJKLMN
 ( )*+,   /0123456789:;< >?@ABCDEFGHIJKLMNO
 )*+,   /0123456789:;< >?@ABCDEFGHIJKLMNOP
 *+,   /0123456789:;< >?@ABCDEFGHIJKLMNOPQ
 +,   /0123456789:;< >?@ABCDEFGHIJKLMNOPQR
 ,   /0123456789:;< >?@ABCDEFGHIJKLMNOPQR_I
   /0123456789:;< >?@ABCDEFGHIJKLMNOPQR_IU
 /0123456789:;< >?@ABCDEFGHIJKLMNOPQRSTUU
 0123456789:;< >?@ABCDEFGHIJKLMNOPQRSTUUU
 123456789:;< >?@ABCDEFGHIJKLMNOPQRSTUUWX
 23456789:;< >?@ABCDEFGHIJKLMNOPQRSTUUWXY
 3456789:;< >?@ABCDEFGHIJKLMNOPQRSTUUWXYZ
 456789:;< >?@ABCDEFGHIJKLMNOPQRSTUUWXYZ[
 56789:;< >?@ABCDEFGHIJKLMNOPQRSTUUWXYZ[\
 6789:;< >?@ABCDEFGHIJKLMNOPQRSTUUWXYZ[\]
```

YES -   Press

and go to Step 4.

NO -   Have your IBM PC*jr*
serviced. See "Service
Information" in this
section.

Testing

4   Do the shapes of the blocks and
            figures on the screen match those in
            the example below?

160x200x16
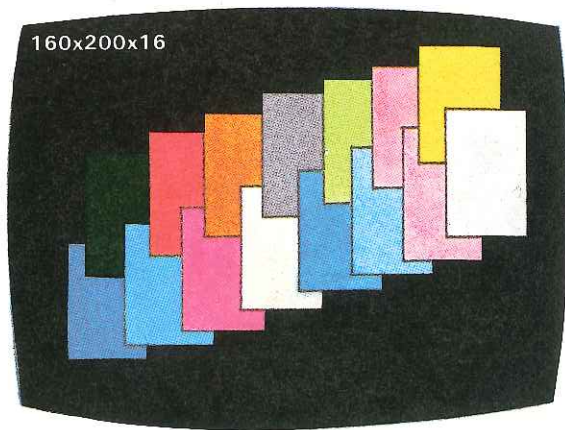
YES -   Press [Ins]
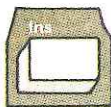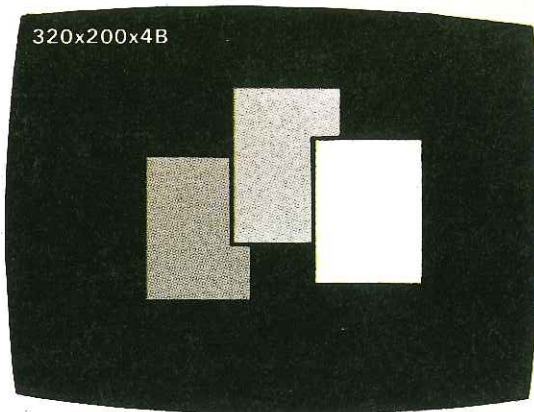
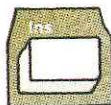   and go to Step 5.

NO -   Have your IBM PC*jr*
        serviced. See "Service
        Information" in this
        section.

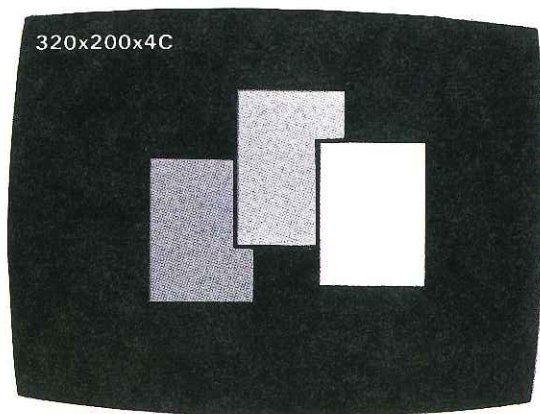**5**   Do the shapes of the blocks and figures on the screen match the example below?

320x200x4B

YES –   Press [image]

and go to Step 6.

NO –   Have your IBM PC*jr* serviced. See "Service Information" in this section.

6   Do the shapes of the blocks and
figures on the screen match the
example below?

320x200x4C

YES –   Press

and go to Step 7.

NO –   Have your IBM PC*jr*
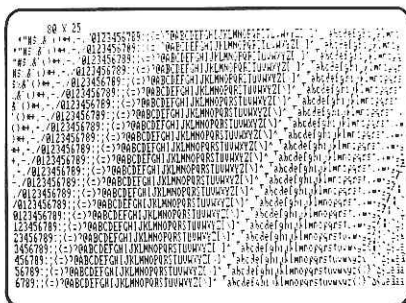serviced. See "Service
Information" in this
section.

7   Do the shapes of the blocks and figures on the screen match the example below?

320x200x16

YES –   Press

and go to Step 8.

NO –   Have your IBM PC*jr* serviced. See "Service Information" in this section.

8   Does your screen match the figure below?

YES -   Press

and go to Step 9.

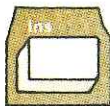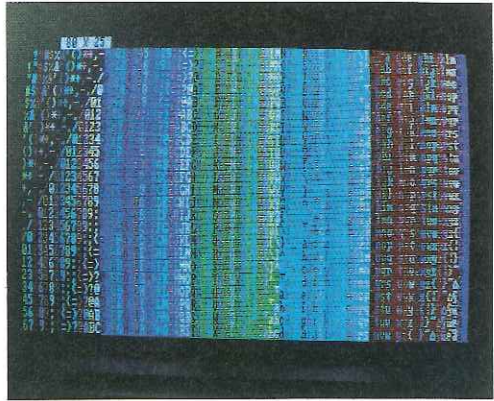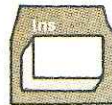**NO -**   Have your IBM PC*jr* serviced. See "Service Information" in this section.

9   Do the shapes of the blocks and
          figures on the screen match the
          example below?

YES –   Press

          and go to Step 10.

NO –   Have your IBM PC*jr*
          serviced. See "Service
          Information" in this
          section.

Testing

10   Do the shapes of the blocks and figures on the screen match the example below?

640x200x2

YES -   Press ⌈ins⌋

and go to Step 11.

NO -   Have your IBM PC*jr* serviced. See "Service Information" in this section.

11   Do the shapes of the blocks and figures on the screen match the example below?
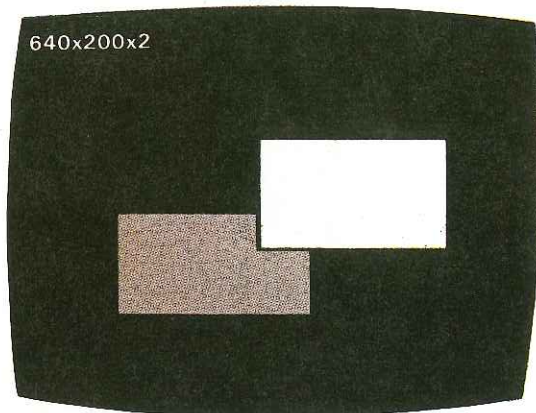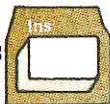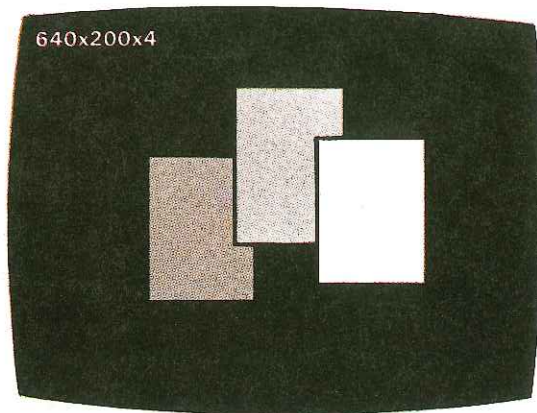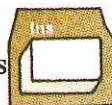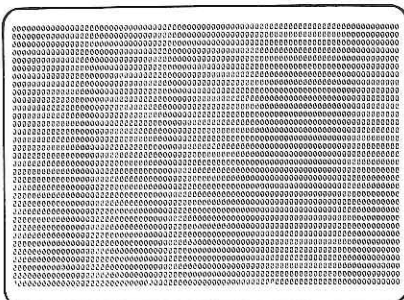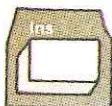
640x200x4

YES –   Press [Ins]

and go to Step 12.

NO –   Have your IBM PC*jr* serviced. See "Service Information" in this section.

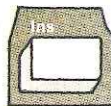**12**   Your screen is filled with zeros (0).

Press

Another screen appears. Continue
to press the Insert key, each time
displaying the next screen, until the
screen is filled with sevens (7).

Did you reach the screen filled with
sevens?

YES -   Press

and go to Step 13.

NO -   Have your IBM PC*jr*
serviced. See "Service
Information" in this
section.

13   Some blank screens appear briefly and then the First IBM PC*jr* Test Menu Screen appears. A message appears under the Test Tag "8". The meaning of the message is shown below:

*   You have completed the 80CD TEST. Go to Step 14.

A   You do not have enough memory installed to run the 80CD TEST. This test requires the 64KB memory and display expansion option installed in your IBM PC*jr*. If you have the 64KB memory and display expansion option installed, have your IBM PC*jr* serviced. See "Service Information" in this section. If you do not have the 64KB memory and display expansion option installed go to Step 14.

B   Have your IBM PC*jr* serviced. See "Service Information" in this section.

?   You have interrupted the 80CD TEST before it was complete by pressing Fn and then pressing Break. Go to Step 14.

Testing

14   Do you want to run another test?

YES -   Go to the "Running the
         IBM PC*jr* Tests" in this
         section.

NO   If you have a diskette drive
         installed, you may run the
         "Exploring the IBM PC*jr*"
         diskette at this time. If you
         have run the "Exploring the
         IBM PC*jr*" diskette before,
         you may continue normal
         operations.