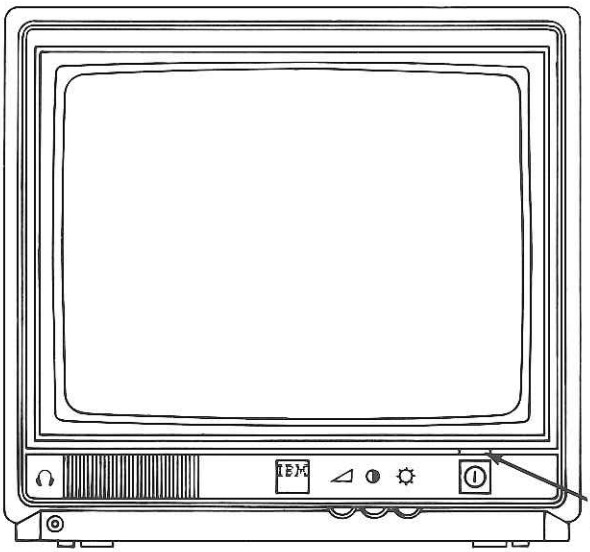
IBM PC*jr* Color Display Check Out Procedure

Use the IBM PC*jr* Color Display Check Out Procedure to make sure your IBM PC*jr* Color Display operates correctly.

If your display needs to be serviced, return it with the power cord.

1 Turn your display power on.

2 Is the Power-on indicator lit?

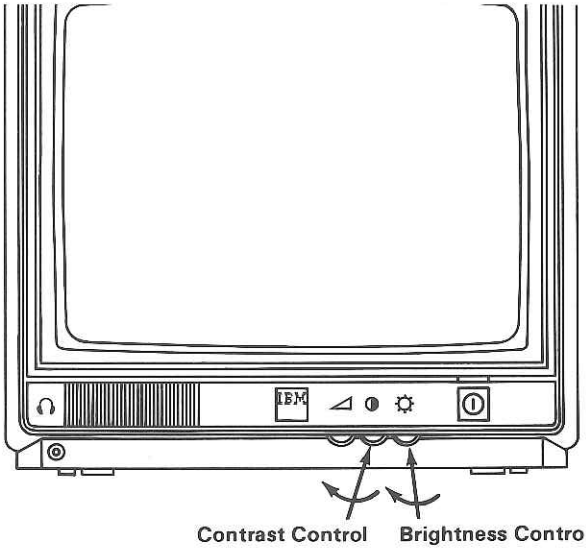


YES - Go to Step 3.

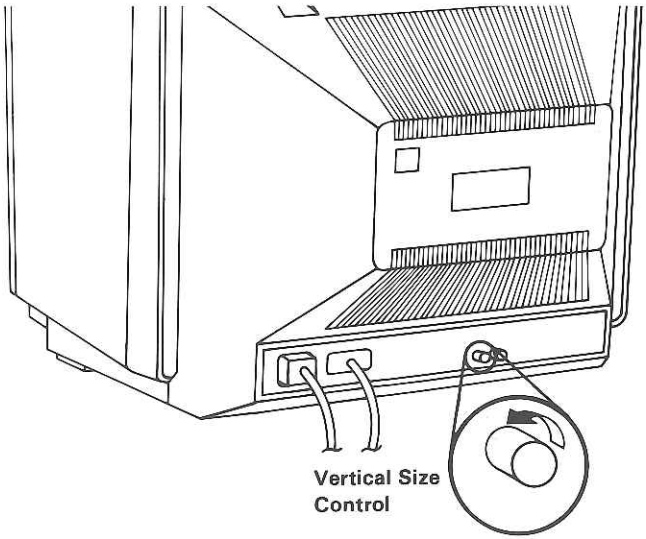
NO - See if the power cord is plugged into a working electrical outlet and into the rear of the display. If it is, have your display serviced. See "Service Information" in this section.

3 Turn your IBM PC*jr* power off.

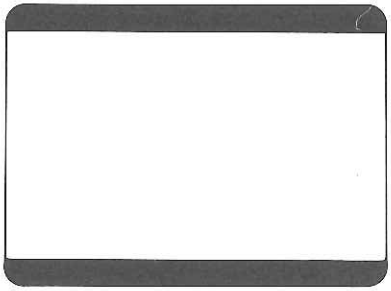
4 Turn the Brightness and Contrast controls fully clockwise.



5 Turn the Vertical Size control fully counterclockwise. Black areas should appear at the top and bottom of the screen.



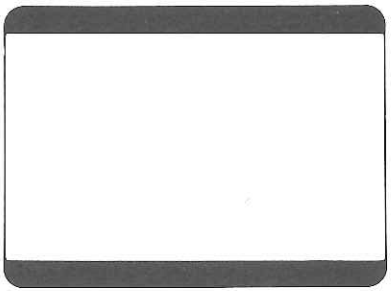
6 Do black areas appear at the top and bottom of the screen?



YES - Go to Step 7.

NO - Have your display serviced. See "Service Information" in this section.

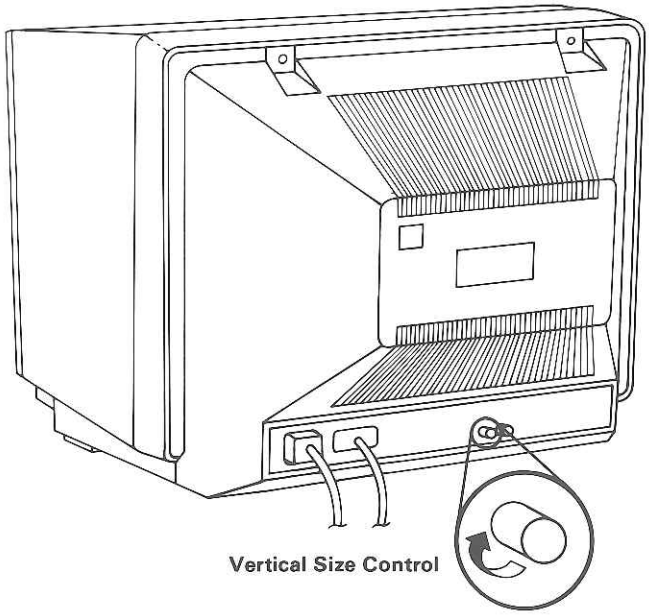
7 Are the black areas at the top and bottom of the screen about the same size?



YES - Go to Step 8.

NO - Have your display serviced. See "Service Information" in this section.

8 Turn the Vertical Size control clockwise until the black areas at the top and bottom of the screen just disappear. If one of the black areas disappears before the other, continue to turn the control until the second black area is gone.



9 Is the screen white?

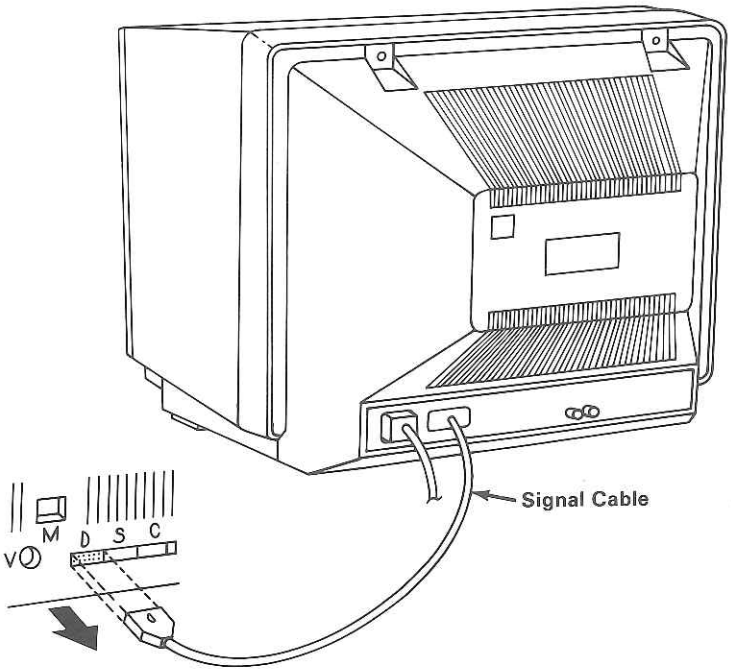
YES - Go to Step 15.

NO - Go to Step 10.

10 Turn your display power off.

11 Turn your IBM PC*jr* power off.

12 Disconnect the display signal cable from the rear of your IBM PC*jr*.



13 Turn your display power on.

14 Is the screen white?

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

NO - Have your display serviced. See "Service Information" in this section.

15 While watching the screen, turn your IBM PC*jr* power on.

16 Did the screen change from white to black as soon as you turned your IBM PC*jr* power on? (This totally black condition may last only a few seconds. Then the IBM Color Bar screen appears followed by the IBM Personal Computer BASIC Message Screen.)

YES - Go to Step 17.

NO - Have your display serviced. See "Service Information" in this section.

17 Wait for your IBM PC*jr* to finish testing itself. The IBM Personal Computer BASIC Message Screen appears with a blinking cursor.

18 Did the IBM Personal Computer BASIC Message Screen appear?

YES - Go to Step 19.

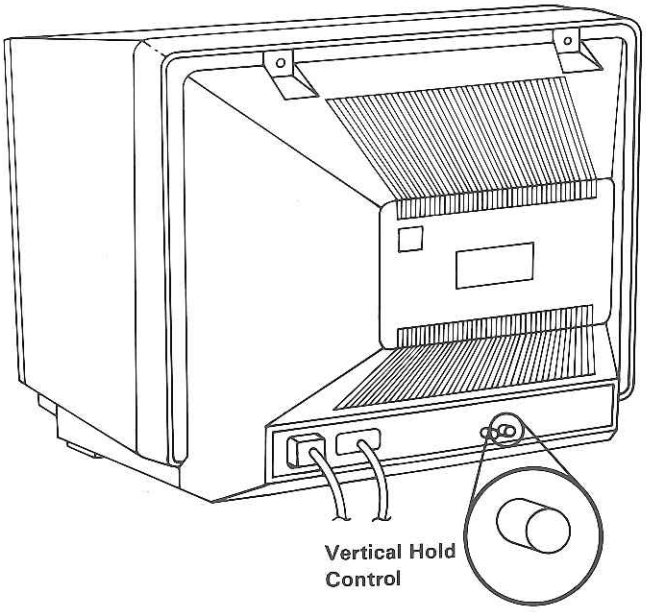
NO - Have your IBM PC*jr* serviced. See "Service Information" in this section.

19 Is the screen stable?

YES - Go to Step 22.

NO - Go to Step 20.

20 Turn the Vertical Hold control clockwise as far as it will go. Then, turn it counterclockwise until the screen stops rolling and is stable.



21 Were you able to make the screen stable?

YES - Go to Step 22.

NO - Have your display serviced. See "Service Information" in this section.

22 Does the screen have white characters on a dark background?

YES - Go to Step 28.

NO - Go to Step 23.

23 Turn your IBM PC*jr* power off.

24 Turn your display power off.

25 Disconnect the display signal cable from the rear of your IBM PC*jr*.

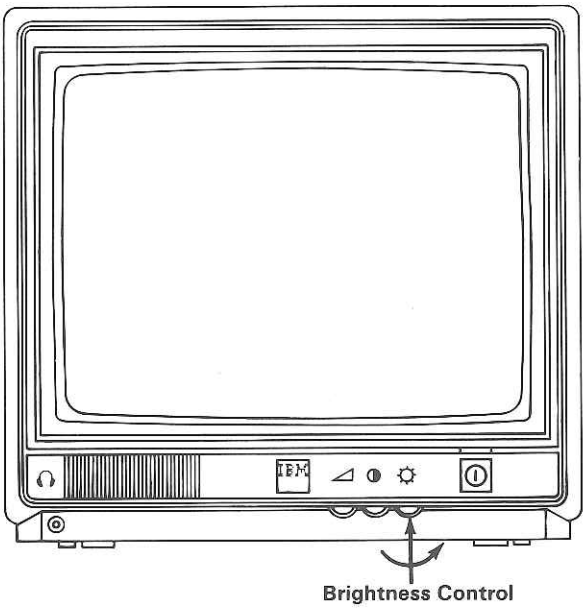
26 Turn your display power on.

27 Is the screen white?

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

NO - Have your display serviced. See "Service Information" in this section.

28 Turn the Brightness control fully counterclockwise.

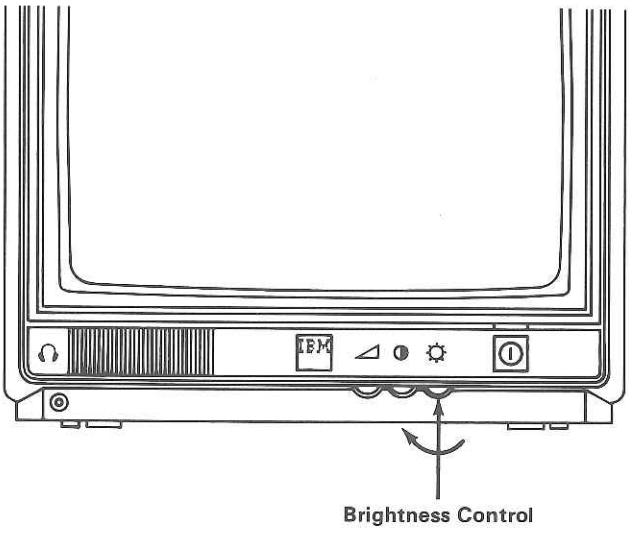


29 Did the characters get darker?

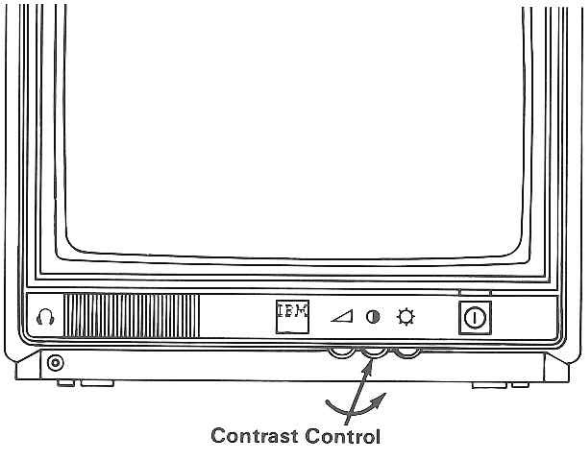
YES - Go to Step 30.

NO - Have your display serviced. See "Service Information" in this section.

30 Turn the Brightness control fully clockwise.



31 Turn the Contrast control fully counterclockwise. Did the characters get darker?

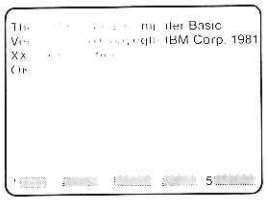


YES - Go to Step 32 .

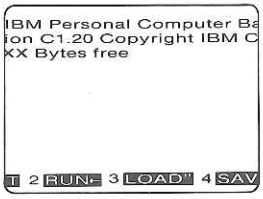
NO - Have your display serviced. See "Service Information" in this section.

32 Turn the Contrast control fully clockwise.

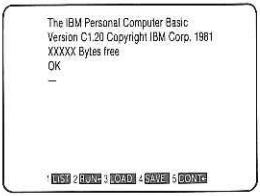
33 Do you have any of the problems shown in the examples below?



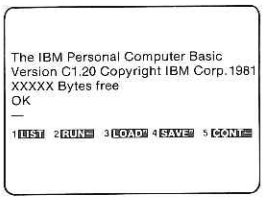
Too Dim



Too Wide

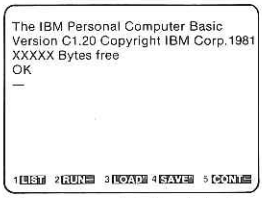


Too Narrow

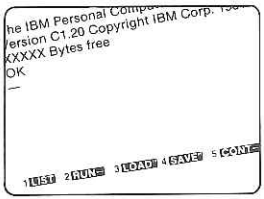


Too Short

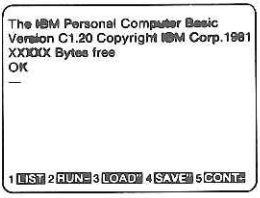
Shrunken



Characters Shifted Left or Right or Up and Down Off the Display Area



Tilted



Out of Focus

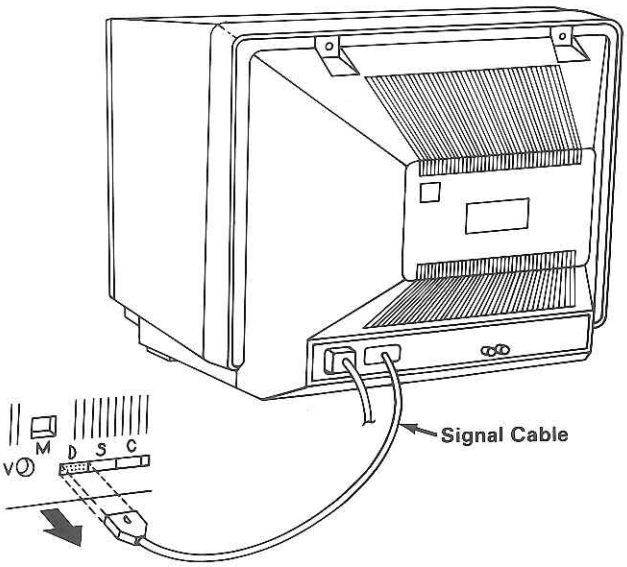
YES - Have your display serviced. See "Service Information" in this section.

NO - Go to Step 34.

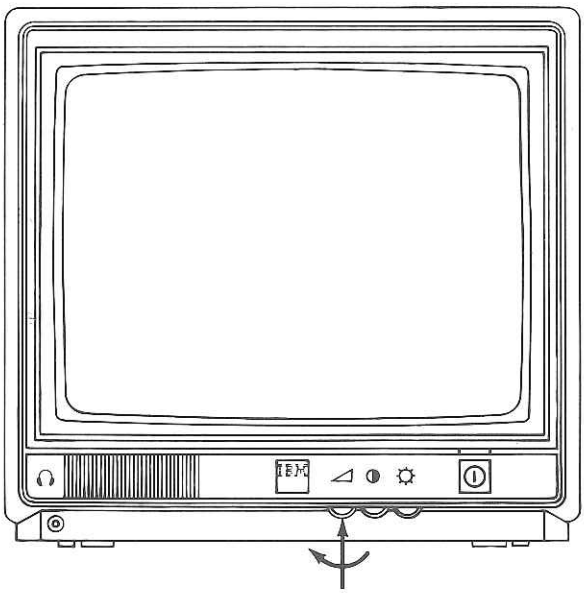
34 Adjust the Brightness and Contrast controls to a comfortable level.

35 Turn your IBM PC*jr* and display power off.

36 Disconnect the display signal cable from the rear of your IBM PC*jr*.



37 Turn the Volume control fully clockwise.



38 Turn your display power on.

39 Do you hear a constant hum from your display?

YES - Your display is working correctly. If you are having a sound problem while using your IBM PC*jr*, have your IBM PC*jr* serviced. See "Service Information" in this section.

NO - Have your display serviced. See "Service Information" in this section.

Service Information

If your IBM PC*jr* or IBM PC*jr* Color Display has a problem and must be serviced, do the following:

1. Turn your IBM PC*jr*, IBM PC*jr* Color Display, and all attachments off.

2. Unplug your IBM PC*jr* and IBM PC*jr* Color Display power cords from their electrical outlets.

3. Don't forget that the power cord, keyboard, and all side-attached options are considered part of the IBM PC*jr*, so you need to keep them with the system unit. You should also keep any cartridges or diskettes that were being used when the failure occurred with the IBM PC*jr*.

4. Call your place of purchase for specific instructions before bringing in your IBM PC*jr* or IBM PC*jr* Color Display.