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Name

Date

Note: All the questions assume you are using the BGI Graphics libraries.

The coordinates (0, 0) are found in the...

- _____ bottom, left-hand corner of the screen
- _____ bottom, right-hand corner of the screen
- _____ top, left-hand corner of the screen
- _____ top, right-hand corner of the screen
- _____ center of the screen

Write the C++ code that will ...

- a. Create a graphics window with a size of 500 pixels by 500 pixels

- b. Close the graphics window

- c. Clear the contents of the graphics window

- d. Place a red dot at (100, 100)

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e. Draw a black line from (100, 100) to (200, 200)

f. Draw a blue box (outline only) with top left-hand corner at (50, 100) and bottom right-hand corner at (200, 250).

g. Draw a blue box (filled in) with top left-hand corner at (50, 100) and bottom right-hand corner at (200, 250).

h. Draw a blue circle with left, top corner of (50, 100) and a radius of 75

i. Draw a blue circle with center of (200, 200) and a radius of 50

j. Draw concentric circles (see diagram). Do this challenge on the computer.

k. Draw a 3D cube (see diagram). Do this challenge on the computer.

l. Draw the pattern to the right. Do this challenge on the computer.

