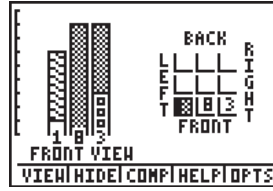# Building Perspectives™ App

TI-73 Explorer™

This App strengthens spatial visualization skills by viewing front, back, right, and left views of a city to determine the height of each building in the city plan. The city is composed of buildings that are located on a square grid. View the city from the ground level. Since the buildings vary in height, some may be concealed by others. To get a better view, choose between front, back, right, and left views, or temporarily hide one building at a time.
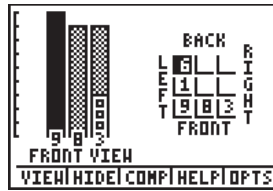
1

With the handheld turned on, press APPS. Select BUILDING. Press any key as requested to arrive at Screen 2.

2

Select the city size. Use the up and down arrows to select 3x3, 4x4, or 5x5. Select <OK>. (On each screen the options at the bottom of the screen can be accessed by pressing the corresponding graph key.)

3

The front view of the city will be displayed, along with a city plan on the right side of the screen. Numbers along the bottom of the view show the height of the buildings in front.

4

Use the number keys to fill in the heights of the buildings in the corresponding slots on the city plan.

5

<OPTIONS> gives the options of New Game, Change City Size, read the Directions, or Quit the application. Select <CANCL> to return to the current city plan.
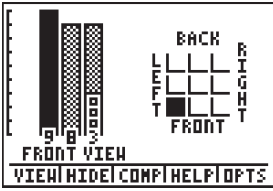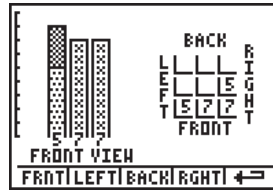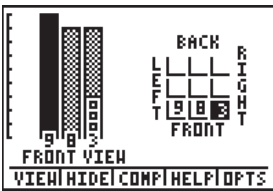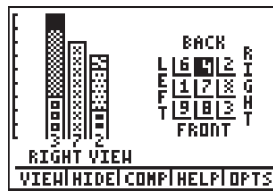
6

The <HIDE> option hides a building to see the building behind it. Select the desired building in the city plan using the arrow keys, then choose the <HIDE> option by pressing WINDOW to see the building behind it.

7

Continue filling in the heights of buildings as they are revealed.

8

To see a different view, select the <VIEW> option. Then select the desired view. Press GRAPH to return to the previous screen.

9

Continue to <HIDE> buildings and fill in heights until the city plan is completed. To see if the plan is correct, select the <COMP> option to compare to the actual plan.
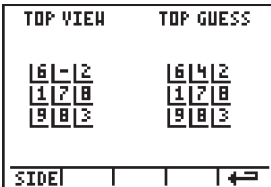
10

If the city plan is incorrect, a Sorry message will be displayed followed by the options to Return to Planning, Compare Sides, or Compare All. The compare options will show which buildings are incorrect.
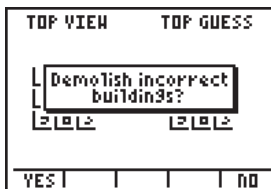
Building Perspectives™ App

11

For this screen, Compare All was selected. The dash shows which building was incorrectly labeled. Press GRAPH to return to the city plan.
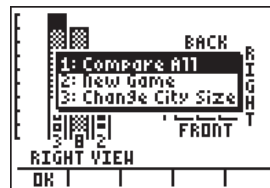

12

Decide whether to erase guesses for incorrect buildings. Select <YES> or <NO>. This will return to city planning. Continue until the plan is correct.

13

If the city plan is correct, a Congratulations message will be displayed.

14

Press any key to see the options Compare All, New Game, or Change City Size. To exit the application, press 2nd [QUIT]. This can be done at any time while the application is running.

15

Select <YES> to exit.