# More Practice with Lookups

Referenced from lesson [Data Displays and Lookups](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/displays-and-lookups/index.shtml) (Spring, 2021)

Consider the table below, and the four value definitions that follow:

shapes-table

| name | corners | is-round |
| --- | --- | --- |
| "triangle" | 3 | false |
| "square" | 4 | false |
| "rectangle" | 4 | false |
| "circle" | 0 | true |

shapeA = shapes-table.row-n(0)  
shapeB = shapes-table.row-n(1)  
shapeC = shapes-table.row-n(2)  
shapeD = shapes-table.row-n(3)

1 *Match* each Pyret expression (left) to the description of what it evaluates to (right).

| shapeD | **1** |  | **A** | Evaluates to 4 |
| --- | --- | --- | --- | --- |
| shapeA | **2** |  | **B** | Evaluates to the last row in the table |
| shapeB["corners"] | **3** |  | **C** | Evaluates to "square" |
| shapeC["is-round"] | **4** |  | **D** | Evaluates to true |
| shapeB["name"] | **5** |  | **E** | Evaluates to false |
| shapeA["corners"] | **6** |  | **F** | Evaluates to 3 |
| shapeD["name"] == "circle" | **7** |  | **G** | Evaluates to the first row in the table |

2 Fill in the blanks (left) with the Pyret lookup code that will produce the value (right).

| a. |  | "rectangle" |
| --- | --- | --- |
| b. |  | "square" |
| c. |  | 4 |
| d. |  | 0 |
| e. |  | true |

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