# Matching Examples and Function Definitions

Referenced from lesson [Defining Functions](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/defining-functions/index.shtml) (Spring, 2021)

Highlight the variables in gt and label them with the word "size".

examples:

gt(20) is triangle(20, "solid", "green")

gt(45) is triangle(45, "solid", "green")

fun gt​(​size​): triangle​(​size, "solid", "green"​)

Highlight and label the variables in the example lists below. Then, using gt as a model, match the examples to their corresponding function definitions.

| Examples |  |  |  | Definition |
| --- | --- | --- | --- | --- |
| examples:  f("solid") is circle(8, "solid", "red") f("outline") is circle(8, "outline", "red") end | **1** |  | **A** | fun f​(​s​): star​(​s, "outline", "red"​) end |
| examples:  f(2) is 2 + 2  f(4) is 4 + 4  f(5) is 5 + 5 end | **2** |  | **B** | fun f​(​num​): num + num end |
| examples:  f("red") is circle(7, "solid", "red")  f("teal") is circle(7, "solid", "teal") end | **3** |  | **C** | fun f​(​c​): star​(​9, "solid", c​) end |
| examples:  f("red") is star(9, "solid", "red")  f("grey") is star(9, "solid", "grey")  f("pink") is star(9, "solid", "pink") end | **4** |  | **D** | fun f​(​s​): circle​(​8, s, "red"​) end |
| examples:  f(3) is star(3, "outline", "red")  f(8) is star(8, "outline", "red") end | **5** |  | **E** | fun f​(​c​): circle​(​7, "solid", c​) end |

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Last updated 2021-10-12 13:36:16 -0400