# Matching Examples and Contracts

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

Match each set of examples (left) with the contract that best describes it(right).

| Examples |  |  |  | Contract |
| --- | --- | --- | --- | --- |
| examples:  f(5) is 5 / 2  f(9) is 9 / 2  f(24) is 24 / 2 end | **1** |  | **A** | # f :: Number -> Number |
| examples:  f(1) is rectangle(1, 1, "outline", "red")  f(6) is rectangle(6, 6, "outline", "red") end | **2** |  | **B** | # f :: String -> Image |
| examples:  f("pink", 5) is star(5, "solid", "pink")  f("blue", 8) is star(8, "solid", "blue") end | **3** |  | **C** | # f :: Number -> Image |
| examples:  f("Hi!") is text("Hi!", 50, "red")  f("Ciao!") is text("Ciao!", 50, "red") end | **4** |  | **D** | # f :: Number, String -> Image |
| examples:  f(5, "outline") is star(5, "outline", "yellow")  f(5, "solid") is star(5, "solid", "yellow") end | **5** |  | **E** | # f :: String, Number -> Image |

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