# Triangle Contracts (SAS & ASA)

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

Type each expression (left) below into the editor and match it to the image it creates (right).

| Expression |  |  |  | Image |
| --- | --- | --- | --- | --- |
| triangle-sas​(​120, 45, 70, "solid", "black"​) | **1** |  | **A** | [🖼Show image](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/contracts/images/5424a96c956a064c.png) |
| triangle-sas​(​120, 90, 70, "solid", "black"​) | **2** |  | **B** | [🖼Show image](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/contracts/images/843b48ab578d83e6.png) |
| triangle-sas​(​120, 135, 70, "solid", "black"​) | **3** |  | **C** | [🖼Show image](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/contracts/images/f2175ba00eb548a5.png) |
| triangle-sas​(​70, 135, 120, "solid", "black"​) | **4** |  | **D** | [🖼Show image](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/contracts/images/c798ee88f141f222.png) |

Think about how you would describe each of the arguments that triangle-sas takes in to someone who’d never used the function before and annotate the contract below using descriptive variable names.

triangle-sas:: (

:: Number, :: Number, :: Number, :: String, :: String

) -> Image

Add examples of each of the triangle functions we’ve explored to your contracts page.

If you have time, experiment with the triangle-asa function.

triangle-asa:: (

left-angle :: Number,  
 left-side :: Number,  
 bottom-angle :: Number,  
 style :: String  
 color :: String  
  
) -> Image

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