

Matching Expressions and Contracts

Can you guess the contract for a function just by seeing how it's used? Try to match each Expression in the left column with a Contract in the right column that describes the function being used. Some expressions or contracts might not have a match.

Math Expression		Contract
<code>big-star("purple")</code>	1-B	A <code># message-cost :: Number -> Number</code>
<code>big-star(25 "gold")</code>	2-D	B <code># big-star :: String -> Image</code>
<code>message-cost(15)</code>	3-A	C <code># choose-flavor :: String String -> String</code>
<code>message-cost("where are you?")</code>	4-E	D <code># big-star :: Number String -> Image</code>
<code>show-score("Red Sox" 6 "Cardinals" 4)</code>	5-H	E <code># message-cost :: String -> Number</code>
<code>find-winner("Red Sox" 4 "Cardinals" 6)</code>	6-G	F <code># prefer-flavor :: String String -> Number</code>
<code>pick-flavor("vanilla" "oreo" "mint")</code>	7-I	G <code># find-winner :: String Number String Number -> String</code>
<code>prefer-flavor("lemon" "lime")</code>	8-F	H <code># show-score :: String Number String Number -> Image</code>
		I <code># pick-flavor :: String String String -> Image</code>
		J <code># show-score : String String -> Image</code>