

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