2.

3.

[a a a aaa]

Which higher-order function (every, keep, or accumulate) would you use to perform the following tasks?
Test each of them out.

1. Create a sentence which contains the count of the letters for each word.

numberLetters:: Language -> Language numberLetters w = intToWord (count w)
countLetters :: Language -> Language countLetters s = > numberLetters s
> countLetters (sent "this is a test") [4 2 1 4]
Remove all but the letter 'a' in a given word
isAnA :: Language -> Bool isAnA letter = letter == (word "a")
removeAllButA :: Language -> Language removeAllButA w = isAnA w
> removeAllButA (word "banana") aaa
Remove all but the letter 'a' in each word of a sentence
removeAllButASent :: Language -> Language removeAllButASent s = removeAllButA s

> removeAllButASent (sent "eat a large banana")

4.	Take a sentence which we know contains only numbers and returns the sum of those numbers.
	addNum :: Language -> Language -> Language addNum x y = intToWord (wordToInt x + wordToInt y)
	sumNums :: Language -> Language sumNums s = addNum s
	> sumNums (sent "4 2 1 4") 11
5.	Combine the answers above to count the number of a's in a sentence.
	countASent :: Language -> Language countASent s = ((
	> countASent (sent "eat a large banana")))) 6