

# Quiz9

Due Feb 21 at 12pm	Points 8	Questions 7
Available Feb 14 at 12am - Feb 21 at 12pm		
Time Limit 10 Minutes		

## Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	8 out of 8

ⓘ Correct answers will be available on Feb 21 at 2pm.

Score for this quiz: 8 out of 8  
Submitted Feb 19 at 11:25am  
This attempt took 9 minutes.

Submission Details:	
Time:	9 minutes
Current Score:	8 out of 8
Kept Score:	8 out of 8

Question 11 / 1 pts

Which one of these functions only works on list of numbers?

☐ elem

☐ maximum

☒ product

☐ take

Question 22 / 2 pts

Select all items which create an infinite list of 2s: [2,2,2,2...

☐ cycle 2

☐ repeat [2]

☒ cycle [2]

☒ repeat 2

Question 31 / 1 pts

If a PL has eager semantics, upon execution of func1(func2(n)) which one will happen?

☐ execution diverges

☐ first func1 is invoked, and then func2 is invoked

☐ func1 and func2 are invoked simultaneously

☒ first func2 is invoked, and then func1 is invoked

Question 41 / 1 pts

Which one is not creating the first 20 even numbers?

☒ [ x | x <- [2, 4 ..]]

☐ take 20 [2, 4 ..]

☐ [ 2 \* x | x <- [1..20] ]

☐ [2,4 .. 40]

Question 51 / 1 pts

Tuples are homogeneous data strunctures.

☐ True

☒ False

Question 61 / 1 pts

How many items would be in the resulting list when the expression below is executed?

zip [1..5] [1..10]

☐ 10

☒ 5

☐ 50

☐ 15

Question 71 / 1 pts

What would happen in Haskell if the following expression is executed?

drop 10 (zip [1..] [-1,-2..])

☐ It would create a typing error

☐ It would create 10 pairs of numbers in a list

☐ It would return empty list

☒ It would create an infinite list of pairs of numbers

Quiz Score: 8 out of 8