## Quiz #8

**Due** May 22 at 11:59pm **Points** 10 **Questions** 10

Available May 20 at 12:01am - May 22 at 11:59pm 3 days Time Limit 60 Minutes

## Instructions

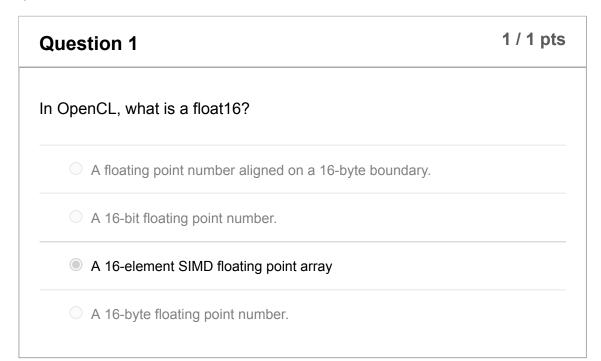
Welcome to Quiz #8!

## **Attempt History**

	Attempt	Time	Score
LATEST	Attempt 1	5 minutes	10 out of 10

① Correct answers will be available on May 23 at 12:01am.

Score for this quiz: **10** out of 10 Submitted May 20 at 12:44pm This attempt took 5 minutes.



Question 2 1 / 1 pts

An OpenCL <b>Device</b> is composed of:	
O Platforms	
Compute Units	
Command Queues	
Processing Elements	

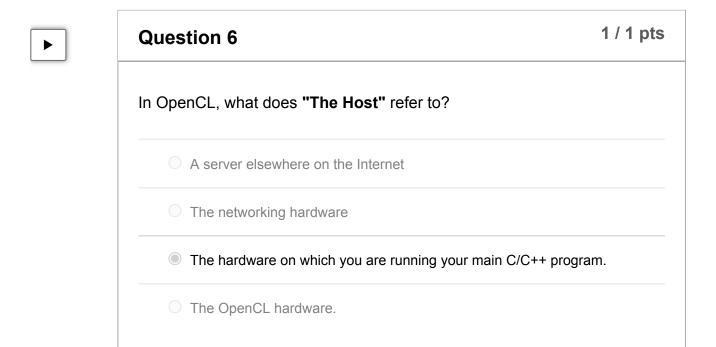
Question 3	1 / 1 pts
An OpenCl Compute Unit is composed of:	
Streaming Multiprocessors	
Platforms	
Processing Elements	
Devices	



Question 4	1 / 1 pts
What does the Yellow Robot + Grippers picture model, respect	tively?
Processing Element + Compute Units	
O Processing Element + Devices	

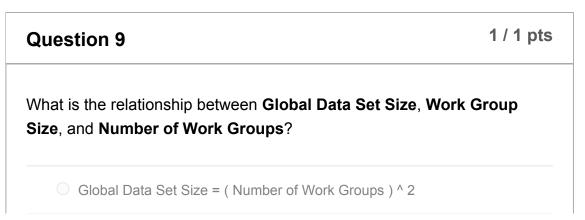
Compute Unit + Processing Elements	
Compute Unit + Devices	

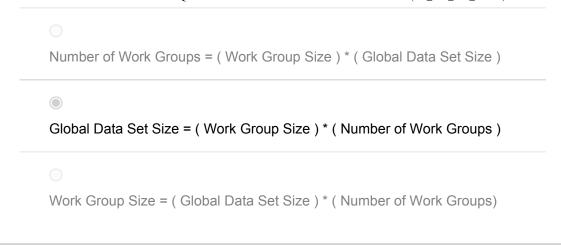
## Why does OpenCL use a Command Queue? Note: there are two correct answers here, each worth half a point. So that you don't need to know what each command does. So that you can issue OpenCL commands as fast as you can. Because this is how the hardware works. So that OpenCL can gobble OpenCL commands as fast as it can.



Question 7	1 / 1 pts
In OpenCL, what does "The Device" refer to:	
The hardware on which you are running your main C/C++ progr	am
The OpenCL hardware	
The networking hardware	
A server elsewhere on the Internet	

Question 8	1 / 1 pts
Where does the OpenCL compiler live (ignoring SPIR-V for not	w)?
In the OpenCL driver	
Elsewhere on the Internet	
On the device on which you are running your main program	
On the OpenCL device	





Question 10	1 / 1 pts
What does the OpenCL function <a href="mailto:get_global_id(0)">get_global_id(0)</a> do?	
Tells you where you are in the local dataset	
Tells you how many work-groups you have	
Tells you what work-group you are in	
Tells you where you are in the overall 1D dataset	

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Quiz Score: 10 out of 10