

Results by Question

Session Name
09-10-2024 4:13 PM

Date Created
Tuesday, 10 September 2024
16:13:56

Active Participants
59

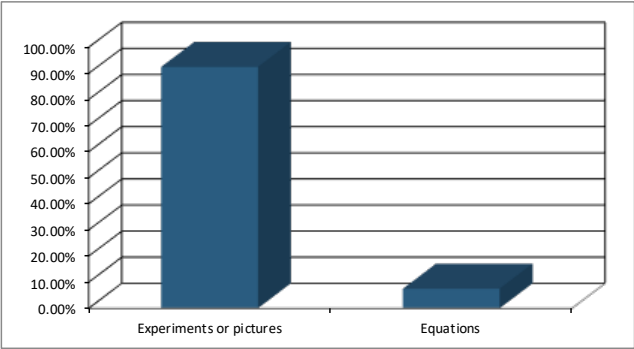
Total Participants
59

Average Score
-

Question Count
9

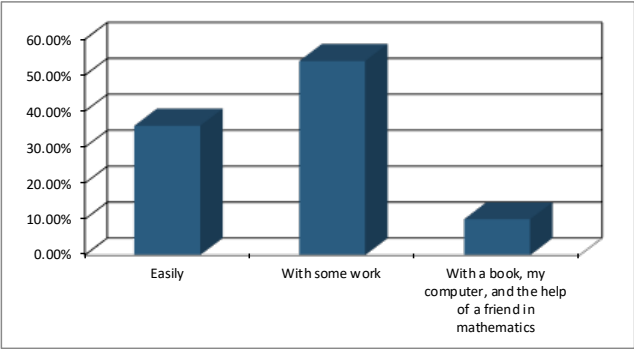
1. I think of biology in terms of:

Responses		
	Percent	Count
Experiments or pictures	92.50%	37
Equations	7.50%	3
Totals	100%	40



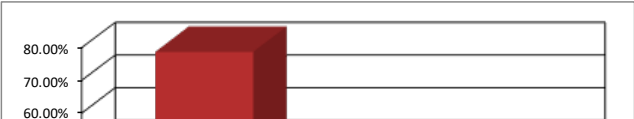
2. I can integrate a first-order differential equation by separation of variables

Responses		
	Percent	Count
Easily	36.00%	18
With some work	54.00%	27
nd the help of a friend in mathematics	10.00%	5
Totals	100%	50

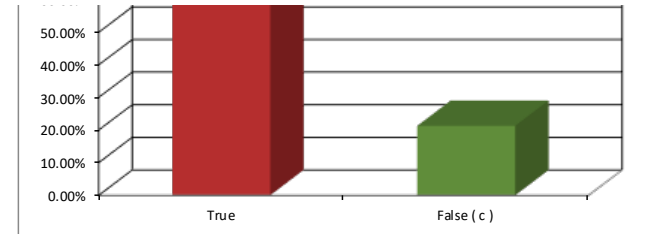


3. The numerical derivative of a real function $\frac{df}{dx} = (f(x + dx) - f(x)) / dx$ can be made arbitrarily accurate on a computer by choosing dx small enough

Responses		
	Percent	Count
True	78.72%	37
False (c)	21.28%	10

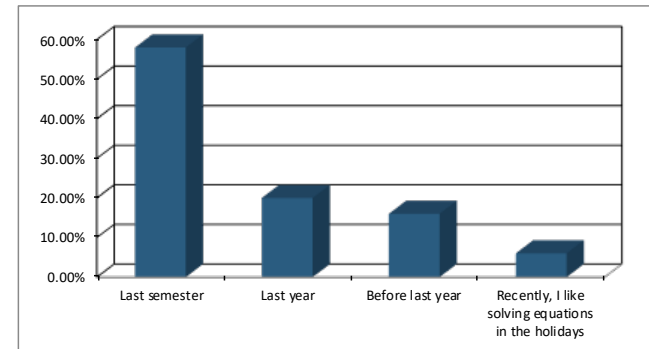


Totals	100%	47
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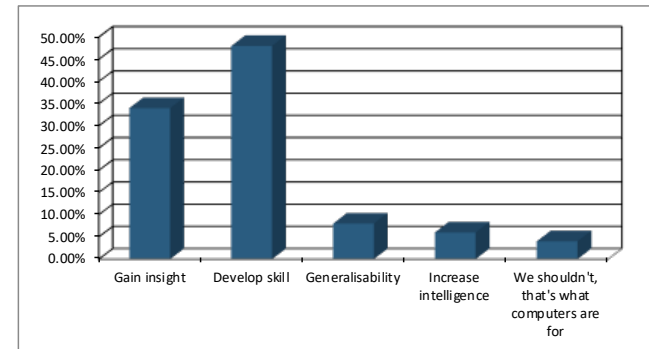
4. How long has it been since you solved differential equations without the help of a computer?

	Responses	
	Percent	Count
Last semester	58.00%	29
Last year	20.00%	10
Before last year	16.00%	8
I like solving equations in the holidays	6.00%	3
Totals	100%	50



5. Why solve equations by hand instead of using python, matlab, chatGPT, etc(pick the one that you think is most important, even if you agree with several)

	Responses	
	Percent	Count
Gain insight	34.00%	17
Develop skill	48.00%	24
Generalisability	8.00%	4
Increase intelligence	6.00%	3
I couldn't, that's what computers are for	4.00%	2
Totals	100%	50

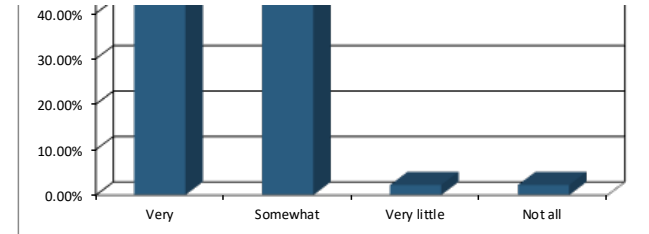


6. How familiar you are you with Python?

	Responses	
	Percent	Count
Very	53.33%	24
Somewhat	42.22%	19

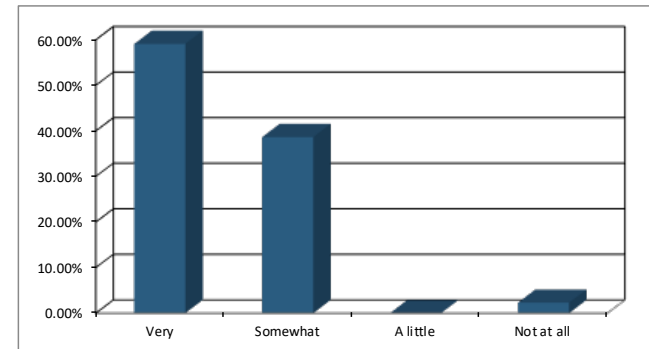


Very little	2.22%	1
Not all	2.22%	1
Totals	100%	45



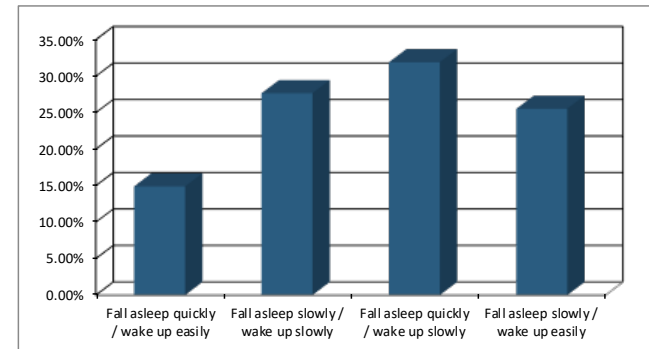
7. How familiar you are you with Jupyter notebooks?

Responses		
	Percent	Count
Very	59.09%	26
Somewhat	38.64%	17
A little	0.00%	0
Not at all	2.27%	1
Totals	100%	44



8. I wake up and fall asleep like ...

Responses		
	Percent	Count
Fall asleep quickly / wake up easily	14.89%	7
Fall asleep slowly / wake up slowly	27.66%	13
Fall asleep quickly / wake up slowly	31.91%	15
Fall asleep slowly / wake up easily	25.53%	12
Totals	100%	47



9. Today I am ...

Responses		
	Percent	Count
Very motivated	24.00%	12
Ok	38.00%	19



Distracted	28.00%	14
Tired	10.00%	5
Totals	100%	50

