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# Sign In

Name/email

Passphrase

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Name

Email

Passphrase

Confirm Passphrase

Submit



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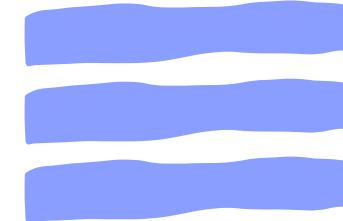


Hello, Student

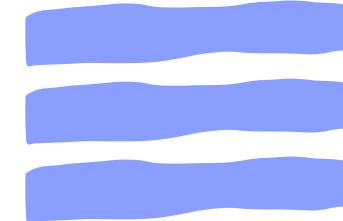
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# Profile

## My Courses



## My Friends





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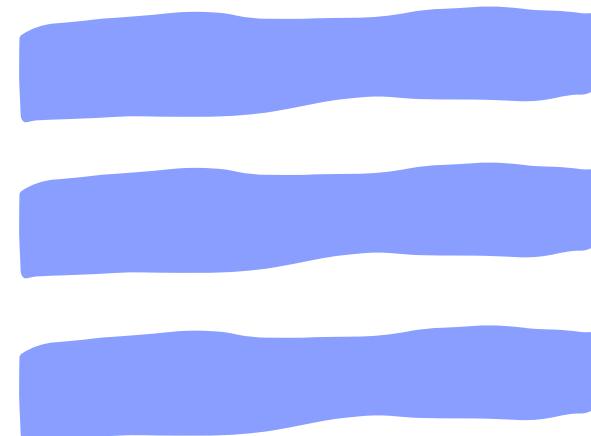
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# UVic Notes



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# My Notes

MATH 100 - John's Notes

[View](#)

MATH 100 - Final Review

[View](#)

PHYS 215 - Quiz 3 Prep

[View](#)



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## CodeCore

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# MATH 100 - John's Notes

Remember that  $\log_b(x)$  is asking, “ $b$  to the power of *what* gives me  $x$ ?”

$$\log_b(x) = y \iff b^y = x$$

e.g., What does  $\log_2(8)$  equal?

So we need to ask ourselves, “2 to the power of *what* gives me 8?” Or we can use the above formula to get  $2^y = 8$ . So the answer to this example is  $y = 3$ .

---

$$\log(M^k) = k \log(M)$$

$$\log(MN) = \log(M) + \log(N)$$

$$\log\left(\frac{M}{N}\right) = \log(M) - \log(N)$$

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**Video Room**

**White Board**