Advice From Students

"I wish I hadn't taken this class while ...

- ... taking organic chemistry."
- ... running 3 businesses."
- ... working full time."
- ... struggling with a drug problem."
- ... not having time for office hours, appointments, or tutoring."

This class is a commitment.
Plan wisely.

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  Quick summaries help to reduce cognitive load.

- ... working in peer groups is actually helpful ."

  Students explain math different than the Prof.!
  You will realize your questions are NOT stupid!
  Helping others increases math confidence!

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Memes


UniqueTeachingResources.com
"Life begins at the end of your comfort zone."
~ Neale Donald Walsch


There is no elevator to success.
You have to take the stairs.
Unique Teaching Resources

Everyday

The next few pages are designed for courses with online HW.

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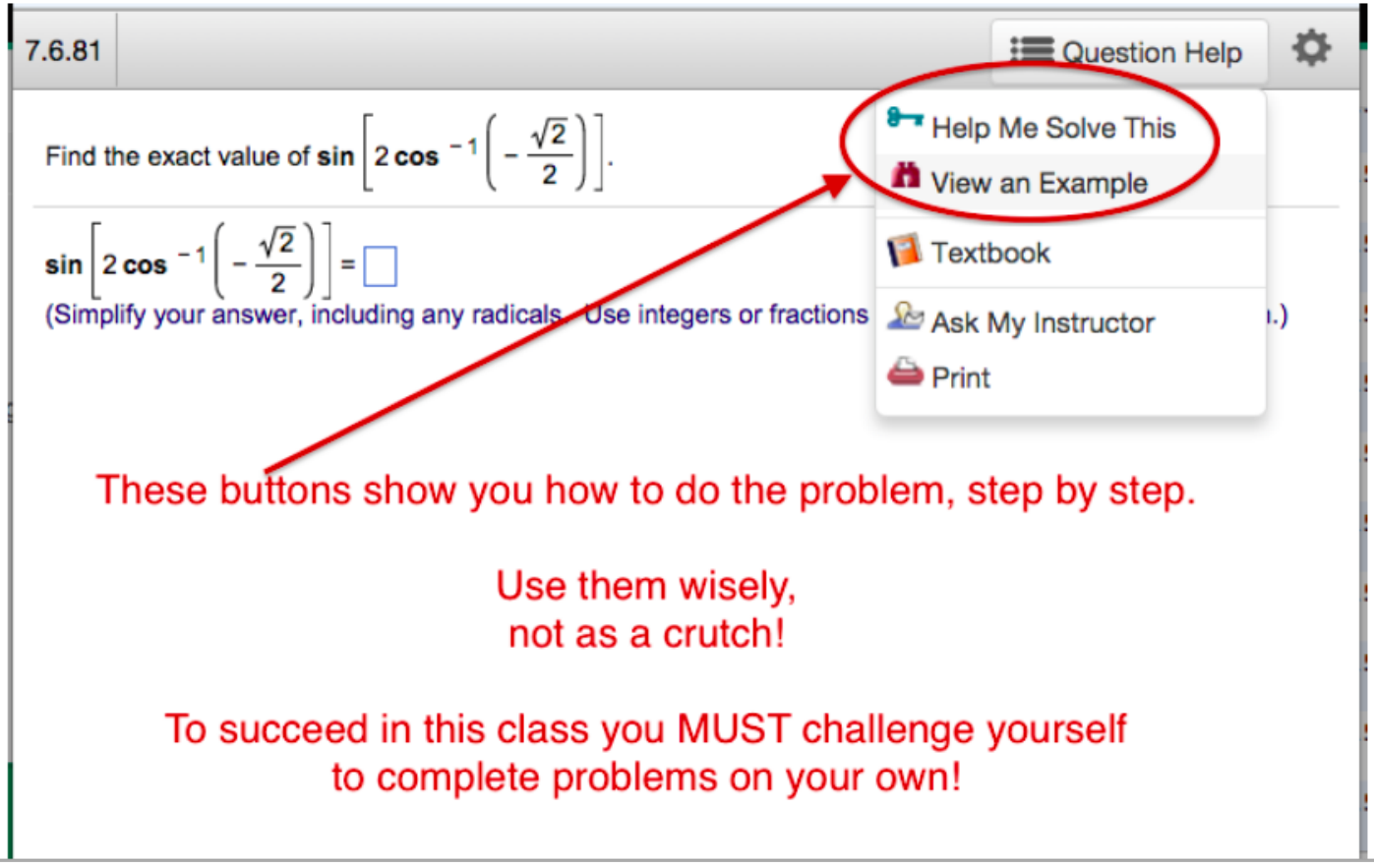
You cannot surpass novice level if you rely too heavily on provided instructions.



You cannot surpass the competence level if you don't test yourself frequently.

7.6.81 Question Help

Find the exact value of $\sin\left[2\cos^{-1}\left(-\frac{\sqrt{3}}{2}\right)\right]$.

$\sin\left[2\cos^{-1}\left(-\frac{\sqrt{3}}{2}\right)\right] = \square$

(Simplify your answer, including any radicals. Use integers or fractions for any numbers in the expression.)

Seek out MORE than just the assigned HW!

Look for the book section reference and go find more problems in the book.

Take the initiative and quiz yourself regularly using extra book problems!

In Problems 81–92, find the exact value of each expression.

81. $\sin\left(2\sin^{-1}\frac{1}{2}\right)$ **82.** $\sin\left[2\sin^{-1}\frac{\sqrt{3}}{2}\right]$ **83.** $\cos\left(2\sin^{-1}\frac{3}{5}\right)$ **84.** $\cos\left(2\cos^{-1}\frac{4}{5}\right)$