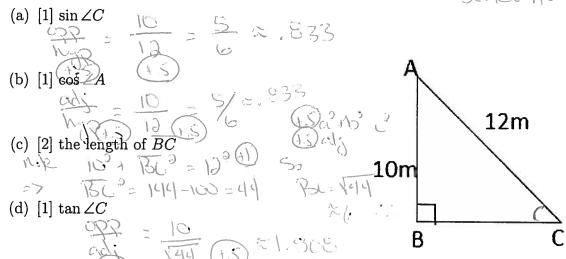
tcore 122: Quiz 4



x	22.5°	30°	45°	60°	67.5°	135°
$\cos(x)$	$\frac{\sqrt{2+\sqrt{2}}}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$	$\frac{\sqrt{2-\sqrt{2}}}{2}$	$-\frac{\sqrt{2}}{2}$
$\sin(x)$	$\frac{\sqrt{2-\sqrt{2}}}{2}$	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2+\sqrt{2}}}{2}$	$\frac{\sqrt{2}}{2}$
$\tan(x)$	$\sqrt{\frac{2-\sqrt{2}}{2+\sqrt{2}}}$	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	$\sqrt{\frac{2+\sqrt{2}}{2-\sqrt{2}}}$	-1

1. (Wheater §10.1) Use the triangle ABC and find the following:





(e) [1] the measure of angle B



2. [4] (Wheater §10.2) A kite string attached to the ground makes and angle of 67.5° with the ground. When the full 500 ft of string has been played out, how hight is the kite?



Word: 1977 3 5 Sme (1)
Nove: 1978 3 5 Mariant
Sin 67:5 = 1000

1 = 350(1313)

3.	[3] (textbook) Lang's chapter five is called "Splitting Points". Explain what point-splitting is.
	A way "to conved one Step into two three or more though by
	A way "to convert one Step into two, Mice, or more though by Solding a love" Pd 93
	For example, one shap the centre modified through told (and not withing) into two steps I through a process
	Contract withing the first of the sale
	Called the roshizzna spld.
4.	[2] (Lang) What might a person use point-splitting for when designing an origami
	This is a great way of multiply a base to creak new peters wish toward other sed the spit to make ears on the head all one of this parking
	colore of this portions
	Long used a sold for the Pteranctions head and tend but
5.	[3] (5/7 lecture) Identify two online resources that the library has made available for
	math students (note: this includes people from this class!).
	Dobbases P (Thoma JShord Math Scilled P)
	Class guide Contrus class even?) fincledes trick biographics after Chal with a Librarian service for a time love
	Chal with a Librarian service Lon a live live
	Action 1
6.	[2] Identify what helped you the most when folding the Valentine/Hummingbird. Do
	you think this would be helpful in other contexts (i.e. writing up worksheets, writing
	papers, completing homework sets for physics, performing labs in chemistry, etc)?
H	Pecas III
١	Repetition
1	In Swelv
\	(C): May riches
	1 Conting ricks
	/ Receding instructions