



THE UNIVERSITY OF THE SOUTH PACIFIC

SCHOOL OF DISTANCE EDUCATION

DEPARTMENT OF MATHEMATICS

NAME: _____
 COURSE: _____
 SECTION: _____
 DATE: _____

Page No. _____
 Date _____

1. Find the value of x if $\sin x = \frac{1}{2}$	$x = \frac{\pi}{6}$
2. Find the value of x if $\cos x = \frac{1}{2}$	$x = \frac{\pi}{3}$
3. Find the value of x if $\tan x = \frac{1}{\sqrt{3}}$	$x = \frac{\pi}{6}$
4. Find the value of x if $\cot x = \sqrt{3}$	$x = \frac{\pi}{6}$
5. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$
6. Find the value of x if $\csc x = 2$	$x = \frac{\pi}{6}$

Q. No.	Ans.	Q. No.	Ans.
1. Find the value of x if $\sin x = \frac{1}{2}$	$x = \frac{\pi}{6}$	11. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$
2. Find the value of x if $\cos x = \frac{1}{2}$	$x = \frac{\pi}{3}$	12. Find the value of x if $\csc x = 2$	$x = \frac{\pi}{6}$
3. Find the value of x if $\tan x = \frac{1}{\sqrt{3}}$	$x = \frac{\pi}{6}$	13. Find the value of x if $\cot x = \sqrt{3}$	$x = \frac{\pi}{6}$
4. Find the value of x if $\cot x = \sqrt{3}$	$x = \frac{\pi}{6}$	14. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$
5. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$	15. Find the value of x if $\csc x = 2$	$x = \frac{\pi}{6}$
6. Find the value of x if $\csc x = 2$	$x = \frac{\pi}{6}$	16. Find the value of x if $\cot x = \sqrt{3}$	$x = \frac{\pi}{6}$
7. Find the value of x if $\tan x = \frac{1}{\sqrt{3}}$	$x = \frac{\pi}{6}$	17. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$
8. Find the value of x if $\cot x = \sqrt{3}$	$x = \frac{\pi}{6}$	18. Find the value of x if $\csc x = 2$	$x = \frac{\pi}{6}$
9. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$	19. Find the value of x if $\cot x = \sqrt{3}$	$x = \frac{\pi}{6}$
10. Find the value of x if $\csc x = 2$	$x = \frac{\pi}{6}$	20. Find the value of x if $\sec x = 2$	$x = \frac{\pi}{3}$

Signature of the student: _____
 Date: _____
 Signature of the teacher: _____
 Date: _____