Math 51 (7:30am – 8:20am) Quiz 2 Fri Apr 17, 2009

SCORE: \_\_/20 POINTS

What month is your birthday?

What are the first 2 digits of your address?

What are the last 2 digits of your zip code?

What are the last 2 digits of your social security number?

[IF YOU DO NOT HAVE A SOCIAL SECURITY NUMBER,

USE YOUR STUDENT ID NUMBER]

## NO CALCULATORS ALLOWED

Fill in the trigonometric function values.

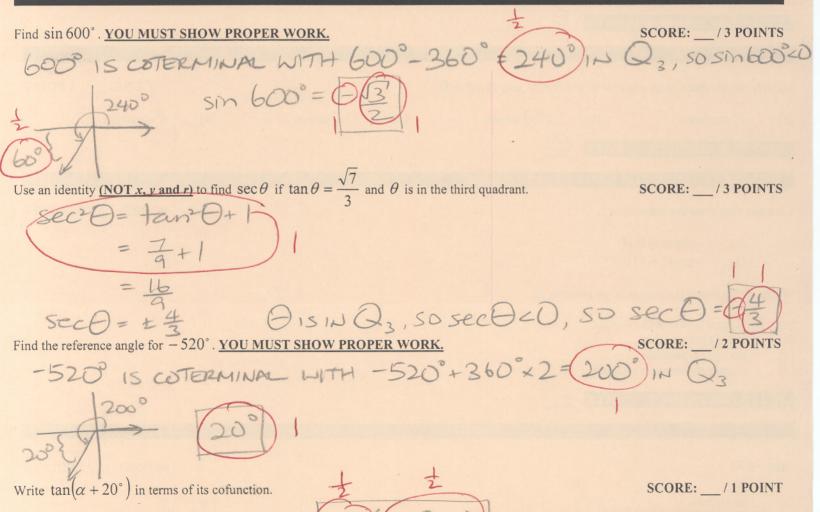
cot (90°- (x+20°)

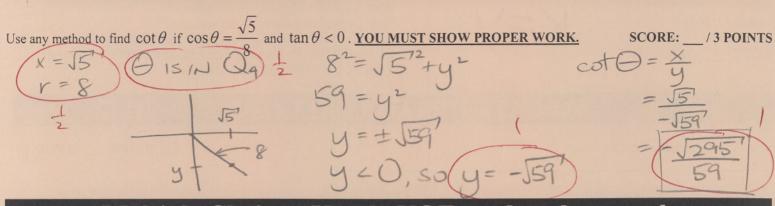
SCORE: /3 POINTS

OUESTIONS ON OTHER SIDE

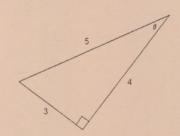
θ	$\sin \theta$	$\cos \theta$	Tan $\theta$
00	0		0
30°	支	13	<del>\frac{\frac{3}{3}}</del>
45°	NE NE	527	
60°	53	2	J3'
90°		0	UNDEF

- FOR EACH ERROR
MINIMUM: O POINTS





## Multiple Choice - You do NOT need to show work



Find  $\csc\theta$  in the figure.

SCORE: \_\_\_/1 POINT

[a] 
$$\frac{3}{4}$$
 [b]  $\frac{3}{5}$  [c]  $\frac{4}{3}$  [d]  $\frac{4}{5}$  [e]  $\frac{5}{3}$  [f]  $\frac{5}{4}$ 

LETTER OF CORRECT ANSWER:

LETTER OF CORRECT ANSWER.

Identify the quadrant of an angle  $\theta$  if  $\csc\theta < 0$  and  $\tan\theta > 0$ .

SCORE: \_\_\_/1 POINT

a] 1<sup>st</sup> quadrant

[b] 2<sup>nd</sup> quadrant

[c] 3<sup>rd</sup> quadrant

[d] 4<sup>th</sup> quadrant

LETTER OF CORRECT ANSWER:

Consider the following statements:

SCORE: \_\_\_/1 POINTS

[1] 
$$\sec \alpha = 0.6$$

[2] 
$$\tan \theta = 110.47$$

Which of the above statements is/are possible?

LETTER OF CORRECT ANSWER:



SCORE: \_\_\_ / 2 POINTS

[a] undefined

