

SCORE: /20 POINTS

csc(90°-(x+20°))

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

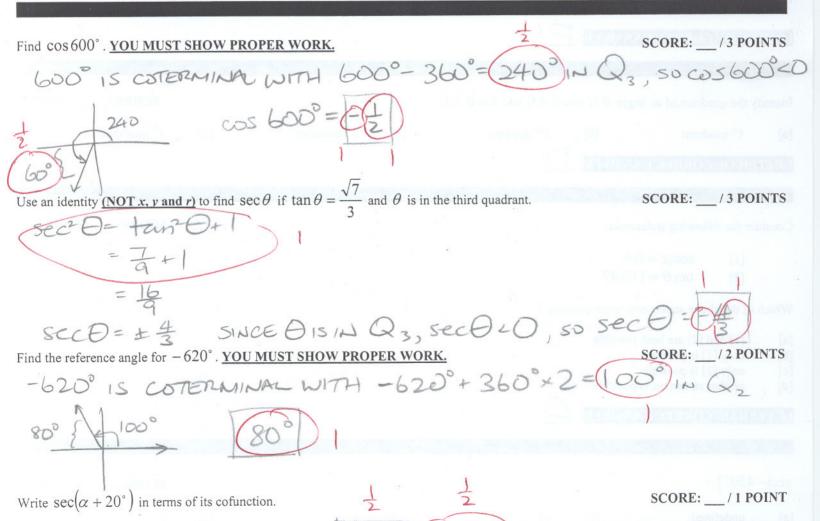
Fill in the trigonometric function values.

SCORE: /3 POINTS

OUESTIONS ON OTHER SIDE

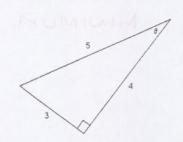
θ	$\sin \theta$	$\cos \theta$	Tan θ
0°	0	1	0
30°	1/2	53	53
45°	52/2	527	\
60°	537	1/2	53
90°	1	0	WOEF

- EFOR EACH BROOK MINIMUM: O POINTS



and $\tan \theta < 0$. YOU MUST SHOW PROPER WORK. Use any method to find $\csc \theta$ if $\cos \theta =$ /3 POINTS

Multiple Choice - You do NOT need to show work



Find $\sec \theta$ in the figure.

SCORE: ___/1 POINT

[d] [e]

LETTER OF CORRECT ANSWER

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

SCORE: /1 POINT

1st quadrant

2nd quadrant

3rd quadrant [c]

4th quadrant [d]

LETTER OF CORRECT ANSWER

Consider the following statements:

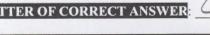
SCORE: /1 POINTS

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

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

Which of the above statements is/are possible?

LETTER OF CORRECT ANSWER



$$sec(-450^{\circ}) =$$

SCORE: ___/2 POINTS