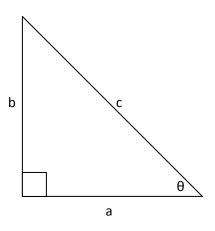
Name \_\_\_\_\_

## MAC 1114, Spring 2014 1.3 Handout Additional Exercises



Refer to the figure and identify each of the named trigonometric ratios with one of the following quotients:  $\frac{a}{b}$ ,  $\frac{b}{a}$ ,  $\frac{c}{c}$ ,  $\frac{c}{a}$ ,  $\frac{b}{c}$ ,  $\frac{c}{b}$ . Try not to look back in your notes or text.

1. <i>cosθ</i>	2. sinθ	3. tanθ
4. <i>cotθ</i>	5. <i>secθ</i>	6. <i>сsсθ</i>

Refer to the figure and identify each of the quotients with a named trigonometric ratio from the following list:  $sin\theta$ ,  $cos\theta$ ,  $sec\theta$ ,  $csc\theta$ ,  $tan\theta$ ,  $cot\theta$ . Try not to look back in your notes or text.

7. $\frac{b}{c}$	8. $\frac{a}{c}$	9. $\frac{b}{a}$
10. $\frac{a}{b}$	11. $\frac{c}{b}$	12. $\frac{c}{a}$

## Answers:

1. $\frac{a}{c}$	$2.\frac{b}{c}$	$3.\frac{b}{a}$
4. $\frac{a}{b}$	5. $\frac{c}{a}$	6. $\frac{c}{b}$
7. sinθ	8. <i>cosθ</i>	9. <i>tanθ</i>
10. <i>cotθ</i>	11. <i>cscθ</i>	12. secθ