Section 6.1: contid

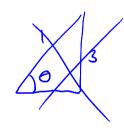
Monday, January 11, 2016 9:29 AM

calculate of if or is acute and

a) 
$$656 = 0.85$$
  
 $6 = \cos^{-1} 0.85 = 31.8^{\circ}$ 

Rand to one decimal place.

why?



triensle cannot

cofunctions and complements

$$\frac{\sin \theta}{c} = \frac{\alpha}{c}$$

$$\frac{\sin \theta}{c} = \frac{\sin (90^{\circ} - \theta)}{\cos (90^{\circ} - \theta)} = \frac{\alpha}{c}$$

$$\frac{\tan \theta}{d} = \frac{\alpha}{c}$$

$$\frac{\tan (90^{\circ} - \theta)}{\cos (90^{\circ} - \theta)} = \frac{\alpha}{c}$$

don't memorize these - but we

well see them again later