Algebra 2 Bellwork Monday, May 2, 2016 1. In Right $\triangle ABC$, $\angle B$ is the right angle. Given SinA = $\frac{5}{13}$. Find the following as ratios:

b. TanC

a. CosA

2. Find the lengths of the two legs to the nearest hundredth.



3. \widehat{MN} is an arc of a circle with center L. The length of \widehat{MN} is 6π . Find the area of sector LMN.







RG use Sin
$SIN 68^\circ = \frac{RQ}{B}$
$NQ = 8 \cdot 51068 = 7.42$

3. \widehat{MN} is an arc of a circle with center L. The length of \widehat{MN} is 6π . Find the area of sector LMN.

611 Length <u>6TT</u> = 30° L civcum ference = 72 TT Area of circle CINCUM Ference = 2TT- $\pi r^2 = \pi (36)^2$ $\frac{12\pi}{2\pi} = \frac{2\pi}{2\pi}$ = 12961 F= 36 Area of Sector X 30 12967 - 360 108 TT