Name: _____   Date: _____

Section 7.4 Explore Angle Measures

Use this worksheet to help you with steps 1 to 3 in the exploration on page 364.

1. c) Your estimate of the measure of angle C is _____.

d) Your measurement of angle C using a protractor is _____.

2. Complete the table below.

Angle C	Triangle ABC
Length of opposite side	
Length of adjacent side	
Length of hypotenuse	
Ratio for sin C	
Ratio for cos C	
Ratio for tan C	

3. Rounded to the nearest degree,

a) the calculated measure of angle C using the sine ratio is _____.

b) the calculated measure of angle C using the cosine ratio is _____.

c) the calculated measure of angle C using the tangent ratio is _____.