Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Points: \_\_\_\_\_\_

1. Solve for : 

a) 

b) 

c) 

d) 

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Table of Values for Trigonometric Functions

An Indian mathematician known by the name of Aryabhata (476-550 AD) developed the ratios for sine and cosine. Bhaskara, an Indian mathematician in the seventh century AD, found a fairly precise formula to calculate the sine of *x* using radians and not degrees: for *.* Then in the ninth century, Al-Khwarizmi was able to create a table for sine, cosine, and tangent. After a century, Islamic mathematicians had access to all six ratios and had tables accurate to eight decimals.

Reference:

Willers, M. (2009). *Algebra: The x and y of everyday math.* New York, NY: Fall River Press.