

Friday Quiz week 25

Geometry:

Evaluate the exact value of the six trigonometric function at angle A for a right triangle ABC, where $BC = 2$, $AC = \sqrt{3}$, and angle $C = 90^\circ$.

You must Draw and label the triangle, you must also reduce each fraction to the lowest form, and no radicals at the denominator.

Sin A = Cosec A =

Cos A = Sec A =

Tan A = Cot A =

Pre-Calc. and Col. Math

Evaluate the dot Product and cross product of $-3\mathbf{v}$ and \mathbf{w} , where $\mathbf{v} = -3\mathbf{i} + 3\mathbf{j} + 2\mathbf{k}$ and $\mathbf{w} = 2\mathbf{i} + \mathbf{j} - 3\mathbf{k}$.