**4.4 Worksheet Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_**

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| 1. Given that , and is in Quadrant III, Find all 5 remaining trig functions.

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  |
| #4-12: Find a reference angle for each of the following, and then evaluate using the reference angle.  |
| 1.

 | 1.

 | 1.

 |
| 1.

 | 1.

 | 1.

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| 1.

 | 1.

 | 1.

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| #13-18: Evaluate each of the following: |
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|  |  |  |

Find two values of ɵ, 0<ɵ<2π, that satisfies each equation.

19.) sin ɵ = $\frac{\sqrt{2}}{2}$ 20.) $\cos(θ)=\frac{1}{2}$ 21.)$\sin(θ)=-\frac{\sqrt{2}}{2}$

22.) cos ɵ = $-\frac{1}{2}$ 20.) $\tan(θ)=-\sqrt{3}$ 21.)$\tan(θ)=-\frac{\sqrt{3}}{3}$