**Algebra 2 & Trigonometry**

**Trigonometry Formulas**

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| ***Area of a Triangle*** | *A* = *ab* sin *C*, where *a* and *b* are adjacent sides, *C* is the included angle | | | |
| ***Law of Sines*** |  | | | |
| ***Law of Cosines*** | *a*2 = *b*2 + *c*2 – 2*bc* cos A, where *b* and *c* are adjacent sides, *A* is the included angle | | | |
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| ***Reciprocal Identities*** | | | | |
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| ***Quotient Identities*** | | | | |
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| ***Pythagorean Identities***  *Note*: | | | | |
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| ***Negative Angle Identities*** | | | | |
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