**Math 20-1 Formula Sheet**

**Quadratic Functions and Equations Algebra and Number**

|  |  |
| --- | --- |
| Function (expanded form) |  |
| Function (vertex form) |  |
| Equation and Quadratic Formula | For = 0 |

|  |  |
| --- | --- |
| Absolute Value |  |

**Relations and Functions**

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| --- | --- |
| Arithmetic Sequence: General term |  |
| Arithmetic Series |  |
| Arithmetic Series: Alternate Formula |  |
| Geometric Sequence: General term |  |
| Geometric Series |  |
| Geometric Series: Alternate formula |  |
| Infinite Geometric Series |  |

**Trigonometry**

|  |  |
| --- | --- |
| For the rotation angle  shown:  *r*  *y*    *x* |  |
| For the oblique triangle ABC shown:  A  *b*  *c*  *a*  C  B | Sine Law:  Cosine Law: |