**CCHS Mathematics II**

**More Functions, More Features**

**Module 4 - Assessment Study Guide**

Define the following Mathematical Terms

|  |  |  |  |
| --- | --- | --- | --- |
| Piecewise Function | Piecewise Graph | Interval Notation | Speed |
| Distance | Range  | Domain | Rate of Change |
| Minimum | maximum | Vertex form | Factored Forms |
| x-intercept | y-intercept | Axis of symmetry | Standard Form |
| Parabola | Perfect square trinomials | Imaginary#’s i | Whole numbers |
| Inverse function | Quadratic | Complex numbers | Rational |



<http://myhandbook.info/pics/math/class-numbers.gif>

Understand the following Tasks

1. Match the function equation with it’s inverse.
2. Evaluate and solve functions solutions.
3. Identify the fastest
4. Identify the domain of a piecewise function.
5. Identify the range of a piecewise function.
6. Operational with radical expressions.
7. Graph absolute value functions
8. Graph inverse of a function in factored form
9. Graph the inverse of a function in vertex form.
10. Graph the inverse of a function in standard form.