

## Algebra 2 Section

### Functions

- D.1\_Domain and range
- D.2\_Identify functions
- D.3\_Evaluate functions

### Trigonometry

- Y.1\_Pythagorean Theorem and its converse
- Y.2\_Special right triangles
- Y.3\_Trigonometric ratios: sin, cos, and tan
- Y.9 Find trigonometric functions using a calculator

### Complex numbers

- H.1\_Introduction to complex numbers
- H.2\_Add and subtract complex numbers
- H.3\_Complex conjugates
- H.4\_Multiply complex numbers

## Precalculus Section

### Families of functions

- B.1\_Function transformation rules
- B.2\_Translations of functions
- B.3\_Reflections of functions
- B.4\_Dilations of functions
- B.5\_Transformations of functions

### Quadratic functions

- C.6 Solve a quadratic equation by factoring

### Exponential and logarithmic functions

- F.4\_Evaluate logarithms
- F.5\_Change of base formula