**Section 1: LINEAR FUNCTIONS**

***Graph the following functions.***

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***Solve the following equations. Show any necessary work.***

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**Section 2: QUADRATIC FUNCTIONS**

***Factor the following quadratics.***

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***Graph the following functions. Identify the vertex and the x-intercepts to help your graph.***

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***Solve the following equations by factoring. Be sure to show any necessary work.***

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**Section 3: RATIONAL FUNCTIONS**

***Simplify the following expressions as much as possible.***

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***Graph the following functions. Be sure to identify the asymptotes and the y-intercept to help your graph.***

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**Section 4: SIMPLIFYING RADICALS**

***Simplify the following radicals as much as possible.***

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