Algebra 4: 2nd Semester Final Review

Equations to Know

Exponential Growth

Exponential Decay

Compound Continuously

P(A or B) =

P(A and B) =

Standard Deviation

Variance

Combination

Permutation

Log to Exponential Form

Chapter 4 & 5 Quadratics and

Polynomials

Solve (graphing and find roots)

Solve with quadratic formula (if

imaginary)

Use synthetic division if roots can't

be found graphing

Chapter 11 Probability and Stats

Probability of Marbles

Mutually Exclusive

Factorials

Mean, Median, Mode, Range

Variance, Standard Deviation, and

Normal Distribution

ACT Review

Evaluate functions

Find Midpoint

Find Mean

Chapter 7: Exponential and Log

Rewrite log and exponential form

Evaluate logs

Solve log/exponential equations

Compound continuously

Algebra 4: 2nd Semester Final Review Problems

Chapter 4 Quadratics

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Chapter 5 Polynomials

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Chapter 11 Probability

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ACT Review

Chapter 11 Stats

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Chapter 7: Exponential and Log

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