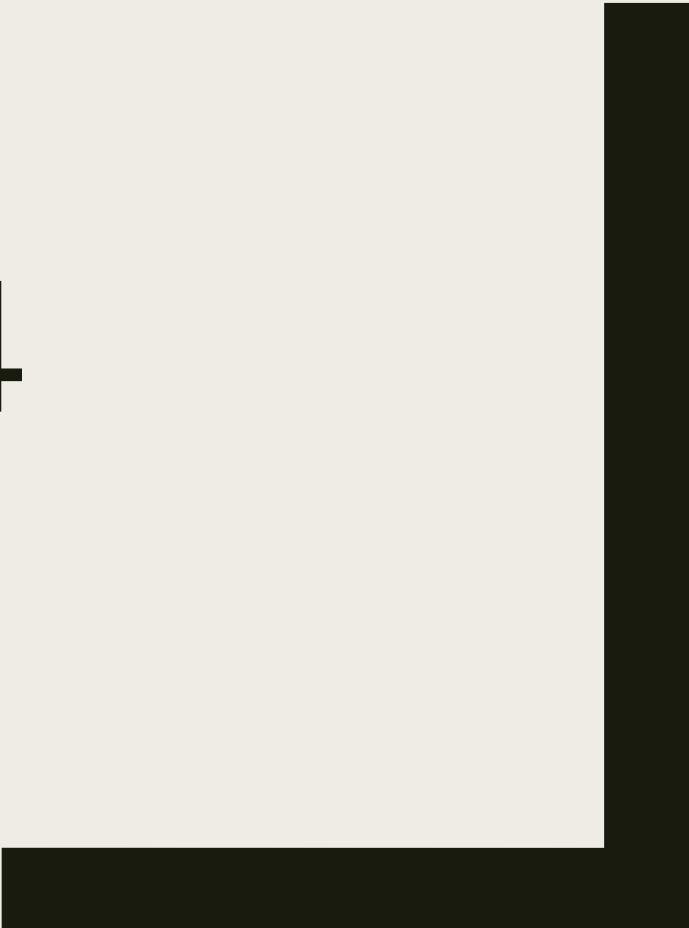




ALGEBRA 4

Day 80



Equations to Know

Exponential Growth

Exponential Decay

Compound Continuously

$P(A \text{ or } B) =$

$P(A \text{ and } B) =$

Standard Deviation

Variance

Combination

Permutation

Log to Exponential Form

Chapter 4 Quadratics

Solve when factored

Page 270 #37–48

Solve in standard form

Page 271 #61–64, 69

Solve by graphing and
find roots

Page 273 #14–16

Solve with quadratic
formula (if imaginary)

Chapter 5 Polynomials

Solve when factored

Page 348 #5–9, 16–19

Solve in standard form

Page 349 #24–30, 35–37

Solve by graphing and
find roots

Use synthetic division if
roots can't be found
graphing

Chapter 11 Probability

Probability of Marbles

Page 752 #9–19

Mutually Exclusive

Page 753 #20–28

Factorials

Combinations

Permutations

ACT Review

Evaluate functions

Find Midpoint

Find Mean

Apply a given formula

Chapter 11 Stats

Mean, Median,
Mode, Range
Variance, Standard
Deviation, and
Normal Distribution

Page 754 #32 – 36

Page 755 #43–45

Page 756 #63

Chapter 7: Exponential and Log

Rewrite log and
exponential form

Evaluate logs

Solve log/exponential
equations

Compound continuously

Page 489 #24–31

Page 490 #52–59, 64