

Math 1

1.1

Pages 3-4

READY

Solving equations with one variable

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-intro-equations/>

http://www.wtamu.edu/academic/anns/mps/math/mathlab/int_algebra/int_alg_tut7_lineq.htm

Plugging in an x-value into an equation to find the y-value

<https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1-intro-to-variables/v/>

SET

Using a constant rate of change to complete a table of values

(2:50-4:37)<https://www.khanacademy.org/math/algebra/sequences/modeling-with-sequences/v/>

<https://www.virtualnerd.com/algebra-1/linear-equation-analysis/slope-rate-of-change/understanding-slope/rate-of-change-two-points-table>

GO

Graphing linear equation from a table of values

https://www.youtube.com/watch?v=-u55GD_sGLA

<http://www.algebra-class.com/table-of-values.html>

http://www.montereyinstitute.org/courses/DevelopmentalMath/TEXTGROUP-1-19_RESOURCE/U13_L1_T2_text_final.html

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Pages 5-7

READY

Function Notation

<https://mathbitsnotebook.com/Algebra1/Functions/FNNotationEvaluation.html>

<https://www.youtube.com/watch?v=GSLbgUKbo8I>

<http://www.coolmath.com/algebra/15-functions/02-function-notation-01>

<https://www.youtube.com/watch?v=V5FfxZkmAeE>

SET

Use variables to create equations that connect with visual patterns

<https://www.khanacademy.org/math/algebra2/sequences-and-series/copy-of-sequences-review>

<https://www.youtube.com/watch?v=IV9faVLuUfo>

<https://www.youtube.com/watch?v=NBAcwrD7KaU>

GO

Exponents

<https://www.mathsisfun.com/exponent.html>

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra>

<http://www.math.com/school/subject1/lessons/S1U1L8GL.html>

<http://www.coolmath.com/prealgebra/04-exponents/01-exponents-definition-01>

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Pages 8-10

READY

Function Notation

<http://www.coolmath.com/algebra/15-functions/02-function-notation-01>

<https://mathbitsnotebook.com/Algebra1/Functions/FNNotationEvaluation.html>

SET

Explicit vs Recursive Sequences

<https://www.youtube.com/watch?v=JnCYomYzJSw>

https://www.youtube.com/watch?v=tbecWux0_vo

Arithmetic : <https://www.youtube.com/watch?v=O3-1SWBqDN4>

Geometric: <https://www.youtube.com/watch?v=xtstSfYm3OI>

Geometric sequences

<https://www.khanacademy.org/math/precalculus/seq-induction/precalc-geometric-sequences/v/>

GO

Evaluating exponential equations

<http://www.purplemath.com/modules/expofcns2.htm>

<http://www.virtualnerd.com/algebra-1/exponents-exponential-functions/exponential-function/identify-and-evaluate/evaluate>

http://www.kirkwood.edu/pdf/uploaded/119/exponential_function.pdf

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Pages 11-13

READY

Function notation

<https://www.khanacademy.org/math/algebra/algebra-functions/evaluating-functions/v/>

<https://www.youtube.com/watch?v=GSLbgUKbo8I>

<http://www.purplemath.com/modules/fcnot.htm>

SET

Recursive and explicit functions for arithmetic sequences

<https://www.ck12.org/book/ck-12-math-analysis/section/7.1/>

Finding a general formula for arithmetic sequences

<http://virtualnerd.com/algebra-2/sequences-series/arithmetic/arithmetic-sequences/sequence>

Common difference

<https://www.mathsisfun.com/definitions/common-difference.html>

<http://www.virtualnerd.com/algebra-2/sequences-series/arithmetic/arithmetic-sequences/>

GO

Reading a graph

<https://www.sophia.org/tutorials/analyzing-data-in-a-line-graph--2>

1.5

Pages 14-17

READY

Rates of change in a table and a graph

<https://www.youtube.com/watch?v=gxn7XsApqJU>

SET

Explicit and recursive formulas for geometric sequences

<https://www.khanacademy.org/math/precalculus/seq-induction/precalc-geometric-sequences/v/>

<https://www.youtube.com/watch?v=CDBMVYRJKKc>

GO

Recursive and explicit functions of arithmetic sequences

<https://www.youtube.com/watch?v=KRFiAlo7t1E>

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Pages 18-20

READY

Finding the common difference

<http://www.virtualnerd.com/algebra-2/sequences-series/arithmetic/arithmetic-sequences/>

<http://www.purplemath.com/modules/nextnumb.htm>

<https://courses.lumenlearning.com/precalcone/chapter/finding-common-differences/>

Recursive formulas for arithmetic sequences

<https://www.khanacademy.org/math/algebra/sequences/constructing-arithmetic-sequences/v/>

<https://www.youtube.com/watch?v=kl9IYrFNX0g>

Explicit formulas for arithmetic sequences

<https://www.khanacademy.org/math/precalculus/seq-induction/sequences-review/v/>

<https://www.youtube.com/watch?v=SYRv8ig87UM>

Recursive formulas for geometric sequences

(0:00-1:24) <https://www.youtube.com/watch?v=xtstSfYm3OI>

<https://www.youtube.com/watch?v=P9V18-7r8IA>

GO

Evaluating using function notation

https://www.youtube.com/watch?v=Y6zK_rPc290

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Pages 21-24

READY

Distinguishing between arithmetic and geometric sequences

<http://keydifferences.com/difference-between-arithmetic-and-geometric-sequence.html>

<https://www.youtube.com/watch?v=ri767qbKLc4>

Constant difference vs constant ratio

<http://www.showme.com/sh/?h=xsQP3s8>

<https://www.youtube.com/watch?v=8Ad1Otdde1k>

SET

Recursive and explicit formulas for arithmetic and geometric sequences

<https://www.ck12.org/book/ck-12-math-analysis/section/7.1/>

GO

Rise and run explained to find slope

<https://www.youtube.com/watch?v=SD8Vb8A-kKE>

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Pages 25-26

READY

Common Ratios

https://www.youtube.com/watch?v=EaCGfvN_r28

SET

Finding explicit and recursive formulas for arithmetic and geometric sequences

<https://www.ck12.org/book/ck-12-math-analysis/section/7.1/>

Recursive and explicit geometric sequences:

<https://www.khanacademy.org/math/algebra/sequences/constructing-geometric-sequences/v/>

Recursive arithmetic sequences:

<https://www.khanacademy.org/math/algebra/sequences/constructing-arithmetic-sequences/v/>

Explicit arithmetic sequences:

<https://www.khanacademy.org/math/algebra/sequences/constructing-arithmetic-sequences/v/>

GO

Writing linear equations from a graph

<http://www.sparknotes.com/math/algebra1/writingequations/section1.rhtml>

1.9

Pages 27-28

READY

Comparing arithmetic and geometric sequences

<http://keydifferences.com/difference-between-arithmetic-and-geometric-sequence.html>

SET

Filling in gaps in arithmetic sequences

<https://www.youtube.com/watch?v=gEVB0oy6vCs>

<https://cjkfung.wordpress.com/2013/07/21/arithmetic-and-geometric-sequences-given-values>

GO

Writing explicit and recursive equations for arithmetic and geometric sequences

<https://www.ck12.org/book/ck-12-math-analysis/section/7.1/>

Writing explicit equations for sequences video

<https://www.youtube.com/watch?v=DkpHRb7nz1o>

1.10

Pages 29-31

READY

Making a table for arithmetic sequence

<https://www.youtube.com/watch?v=X7RByzgjK6Q>

Making a table for geometric sequence

<https://www.ck12.org/book/CK-12-Algebra-I-Second-Edition/section/8.5/>

SET

Filling in gaps in geometric sequences

<https://www.youtube.com/watch?v=K1iOmYRA9ng> (from 0:00 to 7:51)

GO

Explicit equations for geometric sequences

<https://www.youtube.com/watch?v=Z6jxXlduTRU>

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Pages 32-33

READY

Comparing arithmetic sequences and linear functions

<https://www.ck12.org/book/CK-12-Algebra-I-Second-Edition/section/4.7/>

SET

Graphing arithmetic sequences

<https://www.youtube.com/watch?v=2w-McCDsgoE>

GO

Converting between explicit and recursive forms of linear sequences

<https://www.khanacademy.org/math/algebra/sequences/constructing-arithmetic-sequences/v/>

Comparing linear equations and arithmetic sequences

https://www.youtube.com/watch?v=Ot9_sfFrqxw

Module 2

2.1

Pages 37-38

READY

Distinguishing between arithmetic and geometric sequences

<http://home.windstream.net/okrebs/page131.html>

<https://www.youtube.com/watch?v=F4HiKiQ30dM>

SET

Continuous vs Discrete Functions

<https://mathbitsnotebook.com/Algebra1/FunctionGraphs/FNGContinuousDiscrete.html>

<https://www.mathsisfun.com/data/data-discrete-continuous.html>

<https://www.youtube.com/watch?v=ikPkKfRi9dM>

GO

Solving one-step equation story problems

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-equations-expressions/>

2.2

Pages 39-42

READY

Rate of change

<https://www.ck12.org/book/CK-12-Algebra-I-Second-Edition/section/4.4/>

Using the slope formula

<http://www.coolmath.com/algebra/08-lines/06-finding-slope-line-given-two-points-01>

SET

Continuous and discrete relationships

<https://mathbitsnotebook.com/Algebra1/FunctionGraphs/FNGContinuousDiscrete.html>

<https://www.mathsisfun.com/data/data-discrete-continuous.html>

Modelling a story problem with an equation, table, and graph

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/>

GO

Solving one step equations

http://www.algebra-lab.org/lessons/lesson.aspx?file=algebra_onevariableonestep.xml

2.3

Pages 43-46

READY

Comparing rates of change in linear and exponential functions

<https://cobbk12.blackboard.com/bbcswebdav/institution/eHigh%20School/Courses/>

SET

Recognizing linear functions

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/>

Recognizing exponential functions

<http://www.purplemath.com/modules/expofcns.htm>

GO

Finding geometric means

<https://www.youtube.com/watch?v=K1iOmYRA9ng>

2.4

Pages 47-49

READY

Filling in missing terms of arithmetic and geometric sequences

<http://mathhelpforum.com/algebra/15060-missing-terms-arithmetic-geometric-sequences.html>

Geometric sequence video

<https://www.youtube.com/watch?v=rdFvYOZO2j8>

Arithmetic sequence video

<https://www.youtube.com/watch?v=1W-P98rC6VE>

SET

Continuous vs discrete relations

<https://www.ck12.org/analysis/Discrete-and-Continuous-Functions/lesson/>

GO

Writing functions for linear and exponential models

<https://www.youtube.com/watch?v=mTjb4OgXiqU>

2.5

Pages 50-53

READY

Writing Linear Equations in Slope-Intercept Form

<https://www.mathplanet.com/education/algebra-1/formulating-linear-equations/>

https://www.youtube.com/watch?v=0TrHb_wTc_E

<http://www.purplemath.com/modules/strtlneq2.htm>

SET

Graphing exponential growth and decay

<https://www.khanacademy.org/math/algebra/introduction-to-exponential-functions/>

GO

Simplifying expressions, combining like terms and distributive property

<https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1>

<http://www.math.com/school/subject2/lessons/S2U2L5DP.html>

2.6

Pages 54-56

READY

Creating a table of values with an exponential function

<https://www.youtube.com/watch?v=NcKhe79MOt4>

Graphing a function using a table of values

<https://www.youtube.com/watch?v=FMzZB9Ve-1U>

SET

Linear or exponential model: word problems

<https://www.khanacademy.org/math/algebra/introduction-to-exponential-functions/>

Linear or exponential model: table

<https://www.khanacademy.org/math/algebra/introduction-to-exponential-functions/>

Modelling story problems with exponential functions

<https://www.khanacademy.org/math/algebra/introduction-to-exponential-functions/>

Modelling story problems with linear functions

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/>

GO

Justify solutions to one-step equations

<https://mathbitsnotebook.com/Algebra1/LinearEquations/LEjustify.html>

Module 3

3.1

Pages 63-66

READY

Reviewing graphing exponential functions

<http://www.purplemath.com/modules/graphexp.htm>

SET

Determining independent and dependent variables

<https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1>

GO

Solving two-step equations

http://www.algebra-lab.org/lessons/lesson.aspx?file=algebra_onevariabletwostep.xml

3.2

Pages 67-71

READY

Solving Systems of Equations with Graphing

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/>

<https://www.mathplanet.com/education/pre-algebra/graphing-and-functions/>

<https://www.mathplanet.com/education/algebra-1/systems-of-linear-equations-and-inequalities/>

SET

Finding domain and range from a graph

<https://www.khanacademy.org/math/algebra/algebra-functions/domain-and-range/>

Minimums and maximums

<https://www.khanacademy.org/math/ap-calculus-ab/analyzing-functions-with-calculus-ab/>

Increasing and decreasing intervals

<https://www.khanacademy.org/math/algebra/algebra-functions/positive-negative>

Using interval notation

<http://www.coolmath.com/algebra/07-solving-inequalities/03-interval-notation-01>

GO

Explicit and recursive equations

<https://www.ck12.org/book/ck-12-math-analysis/section/7.1/>

3.3

Pages 72-74

Determining if a graph represents a function with the vertical line test

<https://www.youtube.com/watch?v=5Z8DaZPJLKY>

READY

Finding the intersection point using a table

<https://www.youtube.com/watch?v=NznXnsltaGU>

SET

Key Features of Linear and Exponential Functions

www.socialcircleschools.com/userfiles/201/.../CA%203.3.1EnhancedInstruction.pptx

GO

Determining domain of a function's graph using interval notation

<https://www.youtube.com/watch?v=DelhsWhbfXk>

3.4

Pages 75-79

READY

Comparing linear and exponential functions

<https://cobk12.blackboard.com/bbcswebdav/institution/eHigh%20School/Courses/>

SET

Interval Notation

<https://www.khanacademy.org/math/algebra/algebra-functions/domain-and-range/>

Domain and Range

<http://www.intmath.com/functions-and-graphs/2a-domain-and-range.php>

Identifying key characteristics of graphs

<https://www.youtube.com/watch?v=GALfCd-2XRQ>

Explicit and recursive equations for functions given a table

<https://www.youtube.com/watch?v=mcNGhrvp52s>

GO

Finding equations for functions

<https://www.ck12.org/book/ck-12-math-analysis/section/7.1/>

3.5

Pages 80-84

READY

Explicit rule for exponential function

<https://mathbitsnotebook.com/Algebra1/Functions/FNSequenceFunctions.html>

SET

Adding linear functions

Video (Basics): <http://www.showme.com/sh/?h=h1veCae>

More help: <http://jwilson.coe.uga.edu/EMAT6680Su12/Brown/EMAT6680/Assignment%201.html>

<https://www.khanacademy.org/math/algebra2/manipulating-functions/combining-functions/>

GO

Distinguishing between discrete and continuous functions

<https://mathbitsnotebook.com/Algebra1/FunctionGraphs/FNGContinuousDiscrete.html>

3.6

Pages 85-88

READY

Solving systems of linear equations by substitution

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/>

<https://www.mathplanet.com/education/algebra-1/systems-of-linear-equations-and-inequalities/>

SET

Interpreting a function using function notation

<https://www.youtube.com/watch?v=n8uY5nxzQ4g>

<https://www.khanacademy.org/math/algebra/algebra-functions/function-inputs-and-outputs/>

GO

Identifying key characteristics of graphs

<https://www.youtube.com/watch?v=GALfCd-2XRQ>

3.7

Pages 89-93

READY

Determining if a Relation is a Function

<http://www.virtualnerd.com/algebra-1/relations-functions/functions/function-notation/>

<http://dmc122011.delmar.edu/math/pjohnson/Webpage/collegealgebra/notes/2.3.pdf>

SET

Relationships vs. functions

<http://www.purplemath.com/modules/fcns.htm>

GO

Determining the features of functions

<https://www.youtube.com/watch?v=GALfCd-2XRQ>

Module 4

4.1

Pages 97-102

READY

Graphing linear equations

<https://weteachscience.org/mentoring/resources/lesson-plans/algebra-1>

SET

Solving linear equations with the distributive property

<https://www.youtube.com/watch?v=vC9nXlvtjI>

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-equations>

Game for practice solving linear equations with parentheses

<https://campus.mangahigh.com/en-us/px/194/0/0>

GO

Determining if a number is a solution to an equation

<https://www.youtube.com/watch?v=GwBsHpz-T8E>

4.2

Pages 103-106

READY

Isolating a variable using inverse operations

https://www.youtube.com/watch?v=Velg__aLrmo

<http://www.sparknotes.com/math/algebra1/expressionsandequations/section4.rhtml>

Solving one-step multiplication and division equations

<https://www.khanacademy.org/math/algebra/one-variable-linear-equations/>

SET

GO

Set and interval notation

<https://www.youtube.com/watch?v=wmX1PI-Rs-8>

<https://www.youtube.com/watch?v=bF1idgQaQxs>

<http://www.mathsisfun.com/sets/set-builder-notation.html>

4.3

Pages 107-109

READY

Solving Inequalities

<https://www.mathsisfun.com/algebra/inequality-solving.html>

<https://www.youtube.com/watch?v=a0-q0FUZ11o>

<https://quickmath.com/webMathematica3/quickmath/inequalities/solve/basic.jsp>

SET

Solving equations that require more than one step

<https://www.montereyinstitute.org/courses/DevelopmentalMath/>

<https://www.youtube.com/watch?v=ahtHbGYSZ-4>

http://www.algebra-lab.org/lessons/lesson.aspx?file=algebra_onevariablemultistep.xml

GO

Identifying x and y intercepts

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/x-and-y-intercepts/>

4.4

Pages 110-114

READY

Writing an equation from a context

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/>

Interpreting notation for inequalities

<https://www.mathsisfun.com/algebra/inequality-solving.html>

SET

Graphing Inequalities on Number Line

<http://www.mathwarehouse.com/number-lines/graph-inequality-on-number-line.php>

<https://www.khanacademy.org/math/algebra/one-variable-linear-inequalities/alg1-inequalities/>

GO

Substitution to solve linear systems

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/solving-systems>

<https://www.mathplanet.com/education/algebra-1/systems-of-linear-equations-and-inequalities>

4.5

Pages 115-117

READY

Inequality Vocabulary

http://faculty.mtsac.edu/ctunstall/dsps_33/dsps33_maths/Inequality%20Symbols%20Vocabulary.html
<http://www.math.com/school/subject2/lessons/S2U1L4GL.html#sm2>

SET

Writing inequalities for word problems

https://learnzillion.com/lesson_plans/8422-write-an-inequality-from-a-word-problem

GO

Solving linear systems using substitution

<https://www.youtube.com/watch?v=mDw2F2zvThs>

4.6

Pages 118-121

READY

Solving inequalities in a story problem

<https://www.khanacademy.org/math/algebra/one-variable-linear-inequalities/>

SET

Solving one variable inequalities

<https://www.youtube.com/watch?v=g1v2LroT6UQ>

Justifying steps when solving equations

<https://www.youtube.com/watch?v=BDQCVvuq8G0>

GO

Solving systems of equations by graphing

<https://www.mathplanet.com/education/pre-algebra/graphing-and-functions/solve-systems>

Module 5

5.1

Pages 137-140

READY

Solving systems of equations by graphing

<https://www.mathplanet.com/education/pre-algebra/graphing-and-functions/solve-systems>

SET

Solving word problems with inequalities

<http://www.algebra-class.com/solving-word-problems-in-algebra.html>

<https://www.khanacademy.org/math/algebra/one-variable-linear-inequalities/>

GO

Determining if ordered pair is a solution to an equation

<https://www.khanacademy.org/math/algebra-home/alg-linear-eq-func/alg-solutions>

5.2

Pages 141-145

Interactive graphing of pet sitter problem (specifically for Module 5.2)

<https://www.geogebra.org/m/FWe7PzOO>

READY

Determining if ordered pair is a solution to a two-variable equation

<https://www.youtube.com/watch?v=oYYoQvgGcMg>

SET

Graphing Linear Inequalities

<https://www.mathsisfun.com/algebra/graphing-linear-inequalities.html>

<https://www.youtube.com/watch?v=hv2SZd9Q9j0>

GO

Solving one-variable inequality

<http://www.algebra-class.com/solving-inequalities.html>

Graphing linear inequalities in standard form

<https://www.youtube.com/watch?v=INeUozcbxnI>

5.3

Pages 146-148

READY

Testing solutions

<https://www.khanacademy.org/math/algebra-home/alg-linear-eq-func/alg-solutions>

SET

Graphing Linear equations written in Standard Form

https://www.youtube.com/watch?v=V9f1zIIS_IQ

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/standard-form/v/>

GO

Adding and multiplying fractions

<https://www.youtube.com/watch?v=dFXN24EfuBw>

5.4

Pages 149-150

READY

Going from standard form to slope intercept form

<http://www.howe-two.com/mathematicat/standardslope.html>

Going from slope intercept form to standard form

<http://thenumerist.com/convert-slope-intercept-to-standard-form-equations/>

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/standard-form/v/>

SET

Writing two variable inequalities from a word problem

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/modeling>

GO

Substituting a value to check if it's a solution

<https://www.youtube.com/watch?v=Be7v9dTDYFU>

5.5

Pages 151-153

Interactive graphing of pet sitter problem (specifically for Module 5.5)

<https://www.geogebra.org/m/aZ2Tk5zu>

READY

Graphing two variable inequalities

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/>

SET

Writing inequalities when given a graph

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/graphing>

<https://www.youtube.com/watch?v=mIYP0O2ZVU0>

<https://www.youtube.com/watch?v=9ItPV9Gy1Fc>

<http://www.uzinggo.com/writing-system-linear-inequalities-corresponds-graph/systems>

GO

Proportional relationships

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/>

5.6

Pages 154-156

READY

Using substitution to find a missing value

https://www.youtube.com/watch?v=M_kTZcGmv24

SET

Graphing systems of linear inequalities

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/graphing>

GO

Graphing linear equalities video

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/graphing>

5.7

Pages 157-159

READY

Using the pythagorean theorem

<http://www.mathwarehouse.com/geometry/triangles/how-to-use-the-pythagorean-theorem.php>

[tp://www.mathwarehouse.com/geometry/triangles/how-to-use-the-pythagorean-theorem.php](http://www.mathwarehouse.com/geometry/triangles/how-to-use-the-pythagorean-theorem.php)

https://www.youtube.com/watch?annotation_id=annotation_ku4rEwRxZOc&v=uthjpYKD7Ng

SET

Solving systems of equations with substitution

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/>

<https://www.mathplanet.com/education/algebra-1/systems-of-linear-equations-and-inequalities/>

GO

Solving and graphing one-step inequalities

<https://www.khanacademy.org/math/algebra/one-variable-linear-inequalities/multi-step>

https://www.youtube.com/watch?v=_bGxGPLWjW4

5.8

Pages 160-162

READY

Transformations

<https://www.mathsisfun.com/geometry/transformations.html>

<https://www.khanacademy.org/math/basic-geo/basic-geo-transformations-congruence/basic>

SET

Solving systems of equations

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/>

GO

Converting a story problem into a linear inequality

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/modeling>

5.9

Pages 163-165

READY

Geometric shapes

<http://www.math-salamanders.com/list-of-geometric-shapes.html>

SET

Solving systems of equations by elimination

<http://www.montereyinstitute.org/courses/DevelopmentalMath/>

<https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg>

<https://www.youtube.com/watch?v=cTtmzvgt5XE>

GO

Determining if a relationship is a function from a graph

<https://www.youtube.com/watch?v=5Z8DaZPJLKY>

5.10

Pages 166-168

READY

Testing solutions to system of linear inequalities

<https://www.khanacademy.org/math/algebra/two-variable-linear-inequalities/checking-solutions>

<https://www.montereyinstitute.org/courses/Algebra1/> (scroll down to Identifying Solutions)

SET

Determining the number of solutions to a system of equations

<https://www.khanacademy.org/math/algebra/systems-of-linear-equations/>

<https://www.ixl.com/math/algebra-1/find-the-number-of-solutions-to-a-system-of-equations>

<https://www.youtube.com/watch?v=gWoW0wZeUN8>

GO

Graphing two variable inequalities

<https://www.youtube.com/watch?v=hv2SZd9Q9j0>

Module 8

8.1

Pages 235-237

READY

Distance between two points on a number line

<https://www.youtube.com/watch?v=1Jh7QDbiY7I>

SET

Slope triangles and calculating distance using pythagorean theorem

<https://www.mathplanet.com/education/algebra-1/radical-expressions/>

<https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/>

GO

Finding missing coordinates of rectangle

<https://www.khanacademy.org/math/basic-geo/basic-geo-coord-plane/quadrilaterals-on-plane/v/>

8.2

Pages 238-241

READY

Translations of linear functions

<https://www.youtube.com/watch?v=bp-qOKRoiH0>

Point slope form

<https://www.mathsisfun.com/algebra/line-equation-point-slope.html>

SET

Proving geometric relationships in a kite

<https://www.khanacademy.org/math/geometry/hs-geo-congruence/hs-geo-quadrilaterals>

GO

Writing equations using point-slope form

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/point-slope/v/>

8.3

Pages 242-243

READY

Find values of $f(x)$ for a given domain

<https://www.youtube.com/watch?v=kagLx6MW9JY>

SET

Classifying specific types of quadrilaterals

<http://www.math-salamanders.com/list-of-geometric-shapes.html>

<https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/basic-geo-quadrilaterals/>

<https://www.mathsisfun.com/quadrilaterals.html>

Distance formula (used to prove quadrilateral identity)

<https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/>

GO

Perimeters of Geometric Shapes

<http://www.coolmath.com/reference/perimeters>

8.4

Pages 244-246

READY

Graphing translations

<https://www.youtube.com/watch?v=9DIIOAYYIAw>

SET

Graphing transformations of linear functions

<https://www.youtube.com/watch?v=B4NJFnTxiQY>

GO

Converting units example

<https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-measurement>

8.5

Pages 247-248

READY

Describing Spread

<http://stattrek.com/statistics/charts/data-patterns.aspx?Tutorial=AP>

SET

Understanding translations in function notation

(scroll to paragraph titled "Translation") <http://study.com/academy/lesson/translating>

GO

Translations on linear functions

<https://www.youtube.com/watch?v=B4NJFnTxiQY&t=56s>

8.6

Pages 249-251

READY

Finding Percentages

http://www.helpingwithmath.com/by_subject/percentages/per_calculating.htm

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent>

http://www.homeschoolmath.net/teaching/percent/what_percentage.php

SET

Graphing Exponential Equations

https://www.youtube.com/watch?v=ls78_2UBcdY (Beginning at 2:44)

GO

Transformations of linear equations

<http://www.onlinemathlearning.com/transformation-linear-functions.html>

Math 2

Module 1

1.1

READY

Distributive Property

https://www.wyzant.com/resources/lessons/math/algebra/distributive_property

<https://www.youtube.com/watch?v=wPXmM194RY0>

<https://www.youtube.com/watch?v=4bD8DOXBOeo>

SET

Identifying linear, quadratic and exponential functions from a table

<https://www.youtube.com/watch?v=6kaTDzuaxWo>

<https://www.ixl.com/math/algebra-1/identify-linear-quadratic-and-exponential-functions>

<https://www.ck12.org/algebra/Linear-Exponential-and-Quadratic-Models/lesson/Linear>

GO

Finding rate of change

<http://www.virtualnerd.com/algebra-1/linear-equation-analysis/slope-rate-of-change/>

1.2

READY

Simplifying expressions using the distributive property and combining like terms

<https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1-manipulating>

<https://www.wyzant.com/resources/lessons/math/algebra/combining-like-terms>

SET

Comparing areas and perimeters

<https://www.khanacademy.org/math/cc-third-grade-math/cc-third-grade-measurement/>

<http://www.mathsisfun.com/area.htm>

<https://www.mathsisfun.com/geometry/perimeter.html>

GO

Finding greatest common factor

<http://www.math.com/school/subject1/lessons/S1U3L2GL.html>

<https://www.mathsisfun.com/greatest-common-factor.html>

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-factors-multiples/>

1.3

READY

Multiplying Binomials

<https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/>

<https://www.youtube.com/watch?v=VRHxLpyOHvQ>

<https://mathbitsnotebook.com/Algebra1/Polynomials/PObinomial.html>

<http://www.coolmath.com/prealgebra/15-intro-to-polynomials/06-polynomials-multiplying-foil>

<http://www.virtualnerd.com/algebra-1/polynomials-and-factoring/multiply-divide/foil-multiplicaton/>

SET

Quadratic Patterns

[http://coccweb.cocc.edu/srule/MTH105/homework/2quadraticmodeling\(text\).pdf](http://coccweb.cocc.edu/srule/MTH105/homework/2quadraticmodeling(text).pdf)

GO

Interpreting Recursive Sequences

<https://www.khanacademy.org/math/algebra/sequences/constructing-arithmetic-sequences/a/>

<https://www.khanacademy.org/math/algebra/sequences/general-sequences/v/>

1.4

READY

Applying the Slope Formula

https://www.youtube.com/watch?v=_f_EcNNhXjl

<http://cls.syr.edu/mathtuneup/grapha/Unit4/Unit4a.html>

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/slope/v/slope-of-a-line-2>

SET

Perimeter and area

<https://www.mathplanet.com/education/pre-algebra/inequalities-and-one-step-equations/>

GO

Slope and rate of change

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/slope/v/>

1.5

READY

Recognizing a function

<http://sciencing.com/ways-tell-something-function-8602995.html>

<https://www.youtube.com/watch?v=ryQJa8ybxVY>

SET

Distance-time graphs

<https://www.youtube.com/watch?v=9LQdLDDEJ1g>

GO

Finding domain and range from a graph

<http://home.windstream.net/okrebs/page41.html>

1.6

READY

Transforming lines

https://www.youtube.com/watch?v=va3q_IRIqKQ

SET

Comparing Linear, Exponential, and Quadratic Functions

<https://www.youtube.com/watch?v=9Bu0Hkxw88g>

GO

Comparing Linear, Exponential, and Quadratic Functions

<https://www.youtube.com/watch?v=OcrmqS7IhCM>

Module 2

2.1

READY

Characteristics of Quadratics

<https://www.youtube.com/watch?v=H46QVUdbBn0>

SET

Transformations of quadratics

<https://mathspace.co/learn/world-of-maths/quadratic-equations/transformations>

GO

Finding square roots

<http://www.purplemath.com/modules/radicals2.htm>

<https://www.youtube.com/watch?v=JAd-S866S8o>

http://www.softschools.com/math/algebra/topics/simplifying_radical_expressions_with_variables

2.2

READY

Standard form of quadratic equations

<https://www.mathsisfun.com/algebra/quadratic-equation.html>

Expanding two binomials

<https://www.youtube.com/watch?v=P0bflLENX5s>

SET

Quadratic transformations

<http://www.purplemath.com/modules/fcntrans.htm>

Graphing a quadratic in vertex form

<https://www.khanacademy.org/math/algebra/quadratics/vertex-form-alg1/v/graphing-a-parabola>

Graphing a standard $y=x^2$ parabola

<https://www.youtube.com/watch?v=x4XI0bv3xBY>

GO

Key features of a parabola

<https://www.youtube.com/watch?v=UVWTK8P86to>

2.3

READY

Calculating x and y intercepts from standard quadratic equation

<https://www.youtube.com/watch?v=MqIpwRD-bLA>

Graphing lines using x and y intercepts

<https://www.khanacademy.org/math/algebra-home/alg-linear-eq-func/alg-x-and-y-intercepts/v/>

SET

Completing the square

<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics/a/>

<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics/v/>

<http://www.purplemath.com/modules/sqrquad.htm>

<https://www.youtube.com/watch?v=KiHDyNT0f4Q>

<https://www.youtube.com/watch?v=Oge1J43ed-g>

GO

Horizontal and vertical lines

http://www.mathsteacher.com.au/year8/ch15_graphs/05_hor/ver.htm

2.4

READY

Parabola intercepts

<http://www.mathwarehouse.com/geometry/parabola/parabola-intercepts.php>

SET

Completing the square when a isn't 1

http://www.softschools.com/math/algebra/topics/completing_the_square_when_a_notequal_1/
http://www.mesacc.edu/~scotz47781/mat120/notes/quadratics/comp_square_a_is_not_1.html
<https://www.youtube.com/watch?v=epMHKhpYqJE>

Basic factoring

<https://www.mathsisfun.com/algebra/factoring.html>

GO

Evaluating functions

<http://www.mathsisfun.com/algebra/functions-evaluating.html>

2.5

READY

Recognizing quadratic functions

<https://www.ck12.org/book/CK-12-Middle-School-Math-Concepts-Grade-8/section/12.14/>

SET

Converting quadratics from standard form to vertex form

<https://mathbitsnotebook.com/Algebra1/Quadratics/QDVertexForm.html>

<https://www.khanacademy.org/math/algebra/quadratics/quad-standard-form-alg1/v/>

<http://virtualnerd.com/algebra-2/quadratics/solve-by-completing-square-roots/complete-square/>

<http://www.purplemath.com/modules/sqrvertex.htm>

GO

Writing recursive formulas for quadratics

https://www.youtube.com/watch?v=EwvES_N49yw

<https://www.educations.com/lesson/view/quadratic-recursive-formula/10840030/>

2.6

READY

Creating binomial quadratics (questions 9-12)

<https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/>

SET

Factoring Trinomials

<https://www.youtube.com/watch?v=fmLM8xt-Ylg>

<http://www.mathwarehouse.com/algebra/factor/how-to-factor-trinomials-step-by-step.php>

<https://www.khanacademy.org/math/algebra-home/alg-polynomials/alg-factoring-polynomials>

GO

Finding perfect square trinomials

<https://mathbitsnotebook.com/Algebra1/Factoring/FCPerfSqTri.html>

2.7

READY

Density of rational numbers

<https://www.youtube.com/watch?v=lg04THe8wfY>

SET

Factoring quadratics

<https://www.youtube.com/watch?v=fmLM8xt-Ylg>

<http://www.purplemath.com/modules/factquad.htm>

GO

Graphing parabolas in vertex form

<https://www.khanacademy.org/math/algebra/quadratics/vertex-form-alg1/v/>

2.8H

Factoring quadratics when a isn't 1

<http://www.purplemath.com/modules/factquad2.htm>

2.9

READY

Multiplying binomials using a table

<https://www.youtube.com/watch?v=PcUpE0NierM>

<https://www.youtube.com/watch?v=TgpAYS5mP3k>

<http://www.brainfuse.com/curriculumupload//1341260717771.html>

SET

Identifying features of a quadratic in factored form

<https://www.khanacademy.org/math/algebra/quadratics/features-of-quadratic-functions/v/>

Graphing quadratics in factored form

<https://www.khanacademy.org/math/algebra/quadratics/factored-form-alg1/v/>

Finding Vertical Stretch

<https://www.youtube.com/watch?v=O8rs4NtbP0I>

GO

Finding features of quadratics in vertex form

<https://www.khanacademy.org/math/algebra/quadratics/features-of-quadratic-functions/v/>

2.10

READY

Different forms of quadratic functions

<https://www.khanacademy.org/math/algebra/quadratics/features-of-quadratic-functions/v/>

SET

Converting between forms of a quadratic

<https://www.youtube.com/watch?v=1f9mrbak9sc>

Writing quadratic equations from a table

Into vertex form: <https://www.youtube.com/watch?v=3pNIACKtblo>

Straight into standard form: <https://www.youtube.com/watch?v=Sje8fgdBY2Y>

GO

Multiplying binomials

<https://mathbitsnotebook.com/Algebra1/Polynomials/PObinomial.html>

Factoring

<https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-quadratics-1/v/>

Module 3

3.1

READY

Comparing Additive and Multiplicative Patterns

<https://www.youtube.com/watch?v=F4HiKiQ30dM>

SET

Evaluating fractional exponents

<https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-quadratics-1/v/>

Writing exponential equations given a table

https://learnzillion.com/lesson_plans/7695-write-and-graph-an-exponential-function

(Start at 2:40)

<https://www.khanacademy.org/math/algebra/introduction-to-exponential-functions/>

GO

Simplifying Exponents

<http://www.purplemath.com/modules/simpexpo.htm>

<http://patrickjmt.com/exponents-evaluating-expressions-numbers-only-no-variables-ex-1/>

3.2

READY

Simplifying Radicals

<http://www.mesacc.edu/~scotz47781/mat120/notes/radicals/simplify/simplifying.html>

<https://www.khanacademy.org/math/in-eighth-grade-math/squares-square-roots/square-roots/v/>

<https://www.youtube.com/watch?v=CAPjNhNRjno>

<https://www.youtube.com/watch?v=Ef2gOQbDv7M>

<https://www.youtube.com/watch?v=gF5AAAd025Dk>

SET

Finding arithmetic means

<https://www.youtube.com/watch?v=H8CJ0TUic9M>

Finding geometric means

<https://www.youtube.com/watch?v=YOWf09ZAfi0>

GO

Solving exponential equations

<http://www.purplemath.com/modules/solvexpo.htm>

3.3

READY

Rules of Exponents

<http://www.math.com/school/subject2/lessons/S2U2L2DP.html>

<https://www.khanacademy.org/math/in-eighth-grade-math/exponents-powers-1/laws-exponents/>

<http://www.purplemath.com/modules/exponent.htm>

SET

Rules of Exponents

<http://www.math.com/school/subject2/lessons/S2U2L2DP.html>

<https://www.khanacademy.org/math/in-eighth-grade-math/exponents-powers-1/laws-exponents/>

<http://www.purplemath.com/modules/exponent.htm>

GO

Rules of Exponents

<http://www.math.com/school/subject2/lessons/S2U2L2DP.html>

<https://www.khanacademy.org/math/in-eighth-grade-math/exponents-powers-1/laws-exponents/>

<http://www.purplemath.com/modules/exponent.htm>

3.4

READY

Finding a b and c values in a quadratic

<http://www.virtualnerd.com/algebra-1/quadratic-equations-functions/graphing/graph-basics/>

SET

Switching between radical form and exponential form

https://www.youtube.com/watch?v=L5Z_3RrVjA

<http://www.montereyinstitute.org/courses/DevelopmentalMath/>

http://www.algebra-lab.org/studyaids/studyaids.aspx?file=Algebra2_7-2.xml

Fractional and Rational Exponents

<http://www.purplemath.com/modules/exponent5.htm>

GO

Finding x-intercepts from an equation

<http://www.purplemath.com/modules/intrcept.htm>

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/x-and-y-intercepts/v/>

3.5

Graphing Quadratics when given Standard Form

http://www.mesacc.edu/~scotz47781/mat120/notes/graph_quads/not_vertex_form/

READY

Converting measurements of area

<http://www.mathsisfun.com/area-conversion.html>

<https://www.youtube.com/watch?v=nv26rlqbc4g>

SET

Transforming Quadratics

<https://www.khanacademy.org/math/algebra/quadratics/transforming-quadratic-functions/v/>

GO

Evaluating functions with function notation

<https://mathbitsnotebook.com/Algebra1/Functions/FNNotationEvaluation.html>

3.6

Finding X-intercepts for linear equations

<https://www.khanacademy.org/math/algebra/two-var-linear-equations/x-and-y-intercepts/v/>

(0:00-1:08) <http://virtualnerd.com/algebra-1/linear-equation-analysis/intercept/>

https://www.montereyinstitute.org/courses/Algebra1/COURSE_TEXT_RESOURCE/

SET

Solving Quadratics

<http://www.sosmath.com/algebra/solve/solve4/s43/s43.html>

<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics>

<http://www.purplemath.com/modules/quadform.htm>

GO

Factoring

<https://www.mathsisfun.com/algebra/factoring.html>

3.7

READY

Maximizing area in a rectangle

<https://math.stackexchange.com/questions/128825/maximum-area-of-rectangle>

SET

Solving quadratic equations

<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratic-equations-by-factoring>

GO

Finding the vertex/axis of symmetry given standard form

<http://virtualnerd.com/algebra-1/quadratic-equations-functions/graphing/>

3.8

How to write a quadratic function given a graph

<http://www.intmath.com/blog/mathematics/how-to-find-the-equation-of-a-quadratic-function>

<https://www.youtube.com/watch?v=vAPPYoBV2Ow>

READY

Simplifying radicals

<https://www.khanacademy.org/math/in-eighth-grade-math/squares-square-roots/>

SET

Determining the nature of x-intercepts in quadratics

<http://www.lemars.k12.ia.us/webfiles/mboyd/Algebra>

<http://www.purplemath.com/modules/numtypes.htm>

<https://www.universalclass.com/articles/math/pre-calculus/>

<https://www.thoughtco.com/x-intercept-of-a-quadratic-function-2311852>

GO

Using the quadratic formula

<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics>

3.9

READY

Classifying numbers

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/>

SET

Simplifying radicals with imaginary numbers

http://www.mathematicsvisionproject.org/uploads/1/1/6/3/11636986/m2_mod3_se_52017f.pdf

<https://www.youtube.com/watch?v=ob4wl7af2W0>

GO

Using the discriminant to determine the nature of roots

<https://www.siyavula.com/maths/grade-11/02-equations-and-inequalities/02>

3.10

READY

Student response

SET

Types of numbers

<http://www.purplemath.com/modules/numtypes.htm>

GO

Simplifying radical expressions

<https://www.mathplanet.com/education/algebra-1/radical-expressions/simplify-radical>

3.11

READY

Factoring polynomials

<http://tutorial.math.lamar.edu/Classes/Alg/Factoring.aspx>

http://www.jamesbrennan.org/algebra/polynomials/factoring_polynomials.htm

SET

Quadratic inequalities

<https://www.khanacademy.org/math/algebra-home/alg-quadratics/alg-quadratic-inequalities/v/>

<https://www.youtube.com/watch?v=t54ccHYVhoo>

<https://www.cliffsnotes.com/study-guides/algebra/algebra-ii/quadratics-in-one-variable/>

GO

Writing quadratic equations in vertex form

<https://mathbitsnotebook.com/Algebra1/Quadratics/QDVertexForm.html>

3.12H

Solving systems of linear equations

Substitution: <http://www.purplemath.com/modules/systlin4.htm>

Elimination: <http://www.coolmath.com/algebra/12-2x2-systems-of-equations/03>

Creating an augmented matrix

<http://tutorial.math.lamar.edu/Classes/Alg/AugmentedMatrix.aspx>

<https://www.youtube.com/watch?v=cAuIFpFaHmg>

Operations on complex numbers

<http://www.purplemath.com/modules/complex2.htm>

<https://www.youtube.com/watch?v=GH2fzLCCdKc>

Rationalizing the denominator using the conjugate

<https://www.khanacademy.org/math/algebra-home/alg-exp-and-log/miscellaneous-radicals/v/>

<https://www.youtube.com/watch?v=asqQ7CVTC3k>

<http://www.purplemath.com/modules/radicals5.htm>

Calculating the modulus of a complex number

<https://www.easycalculation.com/algebra/learn-modulus-complex-numbers.php>

<http://www.mathcentre.ac.uk/resources/>

<https://www.youtube.com/watch?v=-uMnuwIV5xw>

3.13H

Rational exponents

<https://www.khanacademy.org/math/algebra/rational-exponents-and-radicals/>

http://www.mathwords.com/r/rational_exponents.htm

Solving systems with 3 unknowns

<https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/>

<http://www.sparknotes.com/math/algebra2/systemsofthreeequations/section1.rhtml>

<https://www.mathplanet.com/education/algebra-2/how-to-solve-system-of-linear-equations/>

Module 9

9.1

READY

Venn Diagram Basics

<http://www.purplemath.com/modules/venndiag4.htm>

<https://www.youtube.com/watch?v=mydTzUQA0t0>

<https://www.youtube.com/watch?v=1GB3ivbichw>

SET

How Tree Diagrams work

<https://www.mathsisfun.com/data/probability-tree-diagrams.html>

<https://www.siyavula.com/maths/grade-11/10-probability/10-probability-04.cnxmlplus>

GO

Probability of Events

<https://www.mathplanet.com/education/pre-algebra/probability-and-statistic/probability-of-events>

9.2

READY

Venn Diagram Basics

<http://www.purplemath.com/modules/venndiag4.htm>

SET

Two-way tables and probability

https://www.youtube.com/watch?v=kgs2Jzb_dwM

GO

Basic Probability

<https://www.mathplanet.com/education/pre-algebra/probability-and-statistic/probability-of-events>

9.3

READY

Independent and dependent events

https://www.wyzant.com/resources/lessons/math/statistics_and_probability/probability/

<https://www.khanacademy.org/math/precalculus/prob-comb/dependent-events-precalc/v/>

SET

Addition Rule, Interpreting a Venn Diagram

<https://www.khanacademy.org/math/precalculus/prob-comb/addition-rule-prob-precalc/v/>
http://www.mathgoodies.com/lessons/vol6/addition_rules.html

GO

Equivalent ratios and proportions

<http://web.mnstate.edu/peil/MDEV102/U4/S30/S303.html>

9.4

READY

Multiplying and Dividing Fractions

http://www.ducksters.com/kidsmath/fractions_multiplying_dividing.php

<https://www.youtube.com/watch?v=xB8VYrsuu34>

SET

Calculating conditional probability and probability notation

<http://www.mathbootcamps.com/conditional-probability-notation-calculation/>

<http://stattrek.com/probability/probability-rules.aspx?Tutorial=AP>

GO

Using a two-way table to calculate probabilities

<https://www.khanacademy.org/math/probability/probability-geometry/conditional-probability-geo/>

9.5

READY

Finding features of quadratic functions

<https://www.khanacademy.org/math/algebra/quadratics/features-of-quadratic-functions/v/>

SET

Independence

<https://www.khanacademy.org/math/precalculus/prob-comb/dependent-events-precalc/v/>

GO

Find probabilities from a two way table

https://www.youtube.com/watch?v=kgs2Jzb_dwM

Probability rules

<https://people.richland.edu/james/lecture/m170/ch05-rul.html>

9.6

READY

Factoring quadratics when a isn't 1

<http://www.purplemath.com/modules/factquad2.htm>

SET

Independence in a Venn Diagram

<https://www.siyavula.com/maths/grade-11/10-probability/10-probability-02.cnxmlplus>

GO

Determining Independence and Conditional Probability

Video: <https://www.youtube.com/watch?v=OPGG5nhH198>

https://www.zweigmedia.com/RealWorld/tutorialsf15e/frames7_5C.html