

Secondary I Math, 2018-19: 1st Term

Date (A/B)	Objective	Title of Task/Notes	Assignment	Standard
Aug 20/21	Disclosure Document I can use the Order of Operations to solve for a missing value or simplify an Expression	Read and Highlight Disclosure Introduce ALEKS.com Notes T1.02 – Order of Operations	HW T1 – 01 Get Dis Doc Signed ALEKS.com Grant Doc Signed HW T1.02 – Order of Operations	
22/23	I can Combine Like Terms in order to solve for a missing value or simplify an expression	Notes T1.03 –Combine Like Terms	WS T1.03 – Combine Like Terms.	
24/27	I can define and Algebraic Expression	Notes T1.04 - Algebraic Expressions	HW T1.04 –Algebraic Expressions	
28	I can Evaluate an Algebraic Expression given a specific value for a variable.	Notes T1.05 – Evaluate an Algebraic Expression.	WS T1.05 –Evaluate an Algebraic Expression.	
30	Quiz #01; Algebraic Expressions I can solve a One and Two Step equations for a single Variable.	Notes T1.06 – One and Two Step equations.	WS T1.07 - One and Two Step equations.	
Sept 4	I can solve a Multi-Step equations for a single Variable.	Notes T1.07 – Multi-step equations	WS T1.07 – Multi-step equations	
6	I can solve a for a single Variable given a Literal Equations	Notes T1.08 – Literal Equations	WS T1.08 – Literal Equations	
10	Quiz #02; Solving Equations I can define types of angles	Notes T1.09 – Types of Angles	WS T1.09 – Types of Angles	
12	I can review the basic terms of Geometry	Notes T1.10 – Basics of Geometry	WS T1.10 – Basics of Geometry	
14	I can define the difference of Points, Lines, and Planes in Geometry	Notes T1.11 – Points, Lines and Planes	WS T1.11 – Points, Lines and Planes	
18	Quiz #03; Basic of Geometry I can set and solve for segment lengths and angle measures.	Notes T1.12 – Segment and Angle Measurement	WS T1.12 – Segment and Angle Measurement	
20	I can define angle relationships.	Notes T1.13 – Angle Relationships	WS T1.13 – Angle Relationships	
24	Using Angle Relations I can find the missing value and angle measure using with equations.	Notes T1.14 – Angle Relationships with Equations	WS T1.14 – Angle Relationships with Equations	
26	Quiz #04; Angle Relations I can set up and find the distance and midpoint between two points.	Notes T1.15 – Distance & Midpoint Formula	WS T1.15 – Distance & Midpoint Formula	
28	I can define the relationship of angles created by a transversal line and two other lines	Notes T1.16 – Angles & Transversals	WS T1.16 – Angles & Transversals	
Oct 2	I can define the relationship of angles created by a transversal line and two Parallel Lines	Notes T1.17 – Parallel Lines	WS T1.17 – Parallel Lines	
4	Quiz #05; Parallel Lines I can review for my Basics of Geometry Test	Notes T1.18 – Algebraic Expressions & Basics of Geometry Vocabulary Review	WS T1.18 – Algebraic Expressions & Basics of Geometry Vocabulary Review	
8	I can review for my Basics of Geometry Test and Vocabulary Test	Notes T1.19 Algebraic Expressions & Basics of Geometry Review	HW T1.19 – Algebraic Expressions & Basics of Geometry Review	
10	Test – First Term Vocabulary I can name a Triangle by its sides and angles	Notes T2.20 – Types of Triangles	WS T2.20 – Types of Triangles	
12	First Term Test			
16 Term End	Using sides and angles, I can show if triangles are congruent by ASA and AAS	Notes T2.21 – Congruent Triangles by ASA and AAS	WS T2.21 – Congruent Triangles by ASA and AAS	

Secondary I Math, 2018-19: 2nd Term

Date (A/B)	Objective	Title of Task/Notes	Assignment	Standard
23	Using sides and angles, I can show if triangles are congruent by SSS and SAS	Notes T2.22 – Congruent Triangles by SSS and SAS	WS T2.22 – Congruent Triangles by SSS and SAS	
25	Quiz #06; Special Triangles I can define a transformation by a translation, rotation, and or reflection.	Notes T2.23 – Transformations	WS .23 – Transformations	
29	I can name a polygon by the number of sides and define the characteristics of the polygon.	Notes T2.24 – Polygons Characteristics	WS T2.24 – Polygons Characteristics	
31	I can classify quadrilaterals based upon their sides and angles	Notes T2.25 – Quadrilaterals	WS T2.25 – Quadrilaterals	
Nov 2	Quiz #07; Polygons & Quadrilaterals I can define the parts of and Expression and Equation and Translate variables into an Expression or Equation.	Notes T2.26 Expressions & Equations	HW21.26 Expressions & Equations	
6	I can translate and solve an equation from words	Notes T2.27 – Translate & Solve	WS T2.27 – Translate & Solve	
8	I can write a two column algebraic proof using definitions	Notes T2.28 – Algebraic Proofs	WS T2.28 – Algebraic Proofs	
12	Quiz #08; Algebraic Expressions I can set up and solve real world problems	Notes T2.29 – Real World Applications	WS T2.29 – Real World Applications	
14	I can set up and equation or scenario given some information	Notes T2.30 – Equations from Scenario	WS T2.30 – Equations from Scenario	
16	I can graph an inequality on a number line.	Notes T2.31 – Graphing Inequalities	WS T2.31 – Graphing Inequalities	
20	Quiz #09; Real World Algebraic Expressions I can graph an inequality	Notes T2.32 – Inequalities and Interval Notation	WS T2.32 – Inequalities and Interval Notation	
27	I can solve for a single variable Inequality	Notes T2.33 – Solving Inequalities	WS T2.33 – Solving Inequalities	
29	I can solve compound inequalities	Notes T2.34 – Solving Compound Inequalities	WS T2.34 – Solving Compound Inequalities	
Dec 3	Quiz #10; Graphing and Solving Inequalities I can write a Linear Equation of a line in slope Intercept form from point-slope form	Notes T2.35 – Writing an Equation of a Line	WS T2.35 – Writing an Equation of a Line	
5	I can identify and write parallel lines	Notes T2.36 – Parallel Lines	WS T2.36 – Parallel Lines	
7	I can identify parallel and perpendicular lines.	Notes T2.37 – Perpendicular Lines	WS T2.37 – Perpendicular Lines	
11	I can review the vocabulary for this term up to now.	Notes T2.38 – Cumulative Vocabulary Review	WS T2.38 – Cumulative Vocabulary Review	
13	Test – Second Term Vocabulary I can review for my Basics of Geometry Test	Notes T2.39 - Review	Notes T2.39- Review	
17	Second Term Final			
19 End Term	Make Up Day			

Secondary I Math, 2018-19: 3rd Term

Date (A/B)	Objective	Title of Task/Notes	Assignment	Standard
Jan 3	I can identify function	Notes T3.40– Introduction to Functions	WS T3.40 – Introduction to Functions	
7	I can identify a function from a graph.	Notes T3.41 – Interpreting Graphs	WS T3.41 – Interpreting Graphs	
9	I can interpret a graph and define the functions.	Notes T3.42 – Functions In a Graph (Jack & Jill)	WS T3.42 – Functions In a Graph (Jack & Jill)	
11	Quiz #11; Functions I can use Four Representations to interpret a function: Context, Table, Graph, & Equation	Notes T3.43 – Four Representations	WS T3.43 – Four Representations	
15	I can represent an equation in Interval Notation	Notes T3.44 – Equations in Interval Notation	WS T3.44 – Equations in Interval Notation	
17	I can evaluate a function	Notes T3.45 – Evaluating Functions	WS T3.45 – Evaluating Functions	
22	Quiz #12; Evaluate Functions I can determine the difference between a Linear and Exponential Function	Notes T3.46 – Linear vs. Exponential	WS T3.46 – Linear vs. Exponential	
24	I can show the difference between a Linear and Exponential Function in an Equation	Notes T3.47 – Linear vs. Exponential with and Equation	WS T3.47 – Linear vs. Exponential with and Equation	
28	I can show Linear and Exponential in four different representations.	Notes T3.48 – Four Representations	WS T3.48 – Four Representations	
30	Quiz #13; Exponential Vs. Linear I can show an exponential equations as growth or decay as a percentage	Notes T3.49 –Exponential Growth and Decay	WS T3.49 –Exponential Growth and Decay	
Feb 1	I can show an exponential equations as growth or decay as a in real world Problems	Notes T3.50 –Exponential Growth and Decay	WS T3.50 –Exponential Growth and Decay	
5	I can write an Exponential Equation given a table or graph.	Notes T3.51 – Writing Exponential Equations	WS T3.51– Writing Exponential Equations	
7	Quiz #14: Exponential Growth & Decay I can describe an exponential shift on a graph given an equation	Notes T3.52 – Exponential Transformations	WS T3.52 – Exponential Transformations	
11	More Exponential Shifts	Notes T3.53 – Exponential and Vocabulary Review	WS T3.53 – Exponential and Vocabulary Review	
13	I can review for a Exponential	Notes T3.54 – Exponential Unit Review	WS T3.54 – Exponential Unit Review	
15	Quiz #15: Exponential from Table or Graph I can review Systems of Equation from last year	Notes T3.55 – Systems Review	WS T3.55 – Systems Review	
20	ACT Test Day			
21	I can set up two equations and solve the system of equations using Substitution and Elimination.	Notes T3.56 – Systems of Equations in Context	WS T3.56 – Systems of Equations in Context	
25	I can set up two equations from context and solve the system of equations.	Notes T3.57 – Systems of Equations in Context	WS T3.57 – Systems of Equations in Context	
27	Quiz #16: Solving System Equations I can use linear programming with two or more equations and or inequalities to find a solution.	Notes T3.58 – Linear Programming	WS T3.58 – Linear Programming	
March 1	I can set up two inequalities and solve the system of inequalities using a graph.	Notes T3.59 – Systems with Inequalities	WS T3.59 – Systems with Inequalities	
6	I can use technology to solve a system of equations. Term Review & Vocabulary	Notes T3.60 – Systems Using Technology WS T3.R1– Review End of Term Final WS T3.R2 – Review End of Term	WS T3.60 – Systems Using Technology WS T3.R1– Review End of Term Final WS T3.R2 – Review End of Term	
8 End Term	End of Term Test & Vocabulary			

Secondary I Math, 2018-19: 4th Term

Date (A/B)	Objective	Title of Task/Notes	Assignment	Standard
12	Introduction to Sequences	Notes T4.61 – Sequence & Puzzles	WS T4.61 – Sequence & Puzzles	
14	I can define an Arithmetic Sequence and determine the first four values.	Notes T4.62 – Arithmetic Sequences	WS T4.62 – Arithmetic Sequences	
18	I can define an Geometric Sequence and determine the first four values	Notes T4.63 – Geometric Sequences	WS T4.63 – Geometric Sequences	
20	Given a table, I can determine if it is Arithmetic or Geometric and give the equation. Quiz #15 Review.	Notes T4.64 – Sequences by Table	WS T4.64 – Sequences by Table	
22	Quiz #17, Arithmetic vs. Geometric Sequences Given a graph, I can determine if it is Arithmetic or Geometric and give the equation.	Notes T4.65 – Sequence by Graph	WS T4.65 – Sequence by Graph	
26	Given the context of a problem, I can determine if it is Arithmetic or Geometric and give the equation. . Quiz #16 Review.	Notes T4.66 – Sequences by Context	WS T4.66 – Sequences by Context	
28 SpBrk	Quiz #18, Arithmetic vs. Geometric Sequences			
April 8	Make Up Day			
10	I can review the mean, median, mode, and range from a set of data.	Notes T4.67 – Basics of Statistics	WS T4.67 – Basics of Statistics	
12	I can Interpret plots, graphs, and Tables.	Notes T4.68 – Interpreting Visual Data	WS T4.68 – Interpreting Visual Data	
16	I can represent data using dot plots and histograms	Notes T4.69 – Dot Plots and Histogram	WS T4.69 – Dot Plots and Histogram	
18	I can interpret & construct a Box & Whisker Plot by hand, Standard Deviation	Notes T4.70 – Box & Whisker Plot	WS T4.70 – Box & Whisker Plot	
22	Quiz #19, Basic Statistics I can interpret & construct a Two-Way Frequency table by hand	Notes T4.71 – Two-Way Frequency Table	WS T4.71 – Two-Way Frequency Table	
24	I can construct a line of best fit by hand and using technology	Notes T4.72 – Line of Best Fit	WS T4.72 – Line of Best Fit	
26	I can use technology to interpret data in different forms. Quiz #18 Review	Notes T4-73 – Data Distribution	WS T4-73 – Data Distribution	
30	Quiz #20, Line of Best Fit Review for Core/Final 1 st & 2 nd Term		WS T4.74 –	
May 2	Review for Core/Final 3 rd & 4 th Term		WS T4.75 –	
6	Core Testing			
8	Core Testing			
10	I can construct angles and segments using a straight edge and compass.	Notes T4 -76	WS T4. –76	
14	I can construct angles and segments using a straight edge and compass.	Notes T4 -77	WS T4.–77	
16	Review for Final		WS T4.–78	
20	Review For Final		WS T4.–79	
22	Comprehensive Final Exam A1 & A2			
24	Final A4 & B8			
29 End	Graduation			