**MATH 0306 Tentative Calendar**

|  |  |  |
| --- | --- | --- |
| Date | Section | Topic |
| Week 1 | A.1A.2A.3A.4 | SyllabusAdding Whole NumbersSubtracting Whole NumbersMultiplying Whole NumbersIntroduction to Division and Short Division |
| Week 2 | A.51.11.2 | Long Division of Whole NumbersPlace Value and RoundingIntroduction to Integers |
| Week 3 | 1.31.41.51.6 | Adding IntegersSubtracting IntegersEstimating a Sum or DifferenceMultiplying Integers and Estimation |
| Week 4 | 1.71.8 | Dividing Integers and EstimationExponents, Roots, and Order of OperationsTest 1 (Sections A.1-A.5, 1.1-1.8) |
| Week 5 | 2.12.22.32.42.5 | Introduction to AlgebraSimplifying ExpressionsSolving Linear Equations Part ISolving Linear Equations Part IISolving Linear Equations Part III |
| Week 6 | 2.62.73.13.23.3 | Solve Applied Problems Involving One UnknownSolve Applied Problems Involving Two UnknownsIntroduction to Signed FractionsWriting Fractions in Lowest TermsMultiplying and Dividing Signed Fractions |
| Week 7 | 3.43.53.63.73.8 | Adding and Subtracting Like Fractions and Finidng a Least Common DenominatorAdding and Subtracting Unlike FractionsOperations with Mixed NumbersOrder Relations and Order of OperationsSolving Equations Containing Fractions |
| Week 8 | 4.14.24.3 | Test 2 (Sections 2.1-2.7, 3.1-3.8)Introduction to GeometryRectangles, Squares, Parallelograms, and TrapezoidsTriangles |
| Week 9 | 4.44.55.15.25.3 | Volume and Surface AreaSolving Geometry Applications Using AlgebraReading and Writing DecimalsRounding DecimalsAdding and Subtracting Signed Decimals |
| Week 10 | 5.45.55.65.75.8 | Multiplying Signed DecimalsDividing Signed Decimals and Order of OperationsWriting Fractions as DecimalsMean, Median, and ModeSolving Equations Containing Decimals |
| Week 11 | 5.95.10 | Square Roots and the Pythagorean TheoremCircles, Spheres, Cylinders, and ConesTest 3 (Sections 4.1-4.5, 5.1-5.10) |
| Week 12 | 6.16.26.36.46.5 | RatiosRatesProportionsSolve ProportionsSolve Applied Problems Involving Proportions |
| Week 13 | 6.66.78.18.2 | AnglesSolve Applied Problems Involving Congruent and Similar TrianglesPercents, Fractions, and DecimalsCompute Basic Percents Mentally |
| Week 14 | 8.38.48.5 | Use an Equation to Solve Percent ProblemsSolve Applications Involving PercentsMore Applications with PercentsTest 4 (Sections 6.1-6.7, 8.1-8.5) |
| Week 15 |  | Review for final |