

Accelerated Math math management software helps every student master every math objective, 1st grade through calculus. This content library provides the Scope and Sequence of instruction for these Saxon Math 7/6 objectives:

Lesson 1 – Adding Whole Numbers and Money; Subtracting Whole Numbers and Money; Fact Families, Part 1

- Adding whole numbers and money
- Subtracting whole numbers and money
- Fact families, part 1

Lesson 2 – Multiplying Whole Numbers and Money; Dividing Whole Numbers and Money; Fact Families, Part 2

- Multiplying whole numbers and money
- Dividing whole numbers and money
- Fact families, part 2

Lesson 3 – Missing Numbers in Addition; Missing Numbers in Subtraction

- Missing numbers in addition
- Missing numbers in subtraction

Lesson 4 – Missing Numbers in Multiplication; Missing Numbers in Division

- Missing numbers in multiplication
- Missing numbers in division

Lesson 5 – Order of Operations, Part 1

- Order of operations, part 1

Lesson 6 – Fractional Parts

- Fractional parts

Lesson 7 – Lines, Segments, and Rays; Linear Measure

- Lines, segments, and rays
- Linear measure

Lesson 8 – Perimeter

- Perimeter

LEGEND

Lesson

- **Objective** (Accelerated Math objective(s) supporting that lesson)

Lesson 9 – The Number Line: Ordering and Comparing

- The number line: Ordering and comparing

Lesson 10 – Sequences; Scales

- Sequences
- Scales

Lesson 11 – Problems About Combining; Problems About Separating

- Problems about combining
- Problems about separating

Lesson 12 – Place Value Through Trillions; Multistep Problems

- Place value through trillions
- Multistep problems

Lesson 13 – Problems About Comparing; Elapsed-Time Problems

- Problems about comparing
- Elapsed-time problems

Lesson 14 – The Number Line: Negative Numbers

- The number line: Negative numbers

Lesson 15 – Problems About Equal Groups

- Problems about equal groups

Lesson 16 – Rounding Whole Numbers; Estimating

- Rounding whole numbers
- Estimating

Lesson 17 – The Number Line: Fractions and Mixed Numbers

- The number line: Fractions and mixed numbers

Lesson 18 – Average; Line Graphs

- Average
- Line graphs

Lesson 19 – Factors; Prime Numbers

- Factors
- Prime numbers

Lesson 20 – Greatest Common Factor (GCF)

- Greatest common factor (GCF)

Lesson 21 – Divisibility

- Divisibility

Lesson 22 – “Equal Groups” Stories with Fractions

- “Equal groups” stories with fractions

Lesson 23 – Ratio

- Ratio

Lesson 24 – Adding and Subtracting Fractions That Have Common Denominators

- Add and subtract fractions that have common denominators

Lesson 25 – Writing Division Answers as Mixed Numbers; Multiples

- Writing division answers as mixed numbers
- Multiples

Lesson 26 – Using Manipulatives to Reduce Fractions; Adding and Subtracting Mixed Numbers

- Using manipulatives to reduce fractions
- Adding and subtracting mixed numbers

Lesson 27 – Measures of a Circle

- Measures of a circle

Lesson 28 – Angles

- Angles

Lesson 29 – Multiplying Fractions; Reducing Fractions by Dividing by Common Factors

- Multiplying fractions
- Reducing fractions by dividing by common factors

Lesson 30 – Least Common Multiple (LCM); Reciprocals

- Least common multiple (LCM)
- Reciprocals

Lesson 31 – Areas of Rectangles

- Area of rectangles

Lesson 32 – Expanded Notation; More on Elapsed Time

- Expanded notation
- More on elapsed time

Lesson 33 – Writing Percents as Fractions, Part 1

- Writing percents as fractions, part 1

Lesson 34 – Decimal Place Value

- Decimal place value

Lesson 35 – Writing Decimal Numbers as Fractions, Part 1; Reading and Writing Decimal Numbers

- Writing decimal numbers as fractions, part 1
- Reading and writing decimal numbers

Lesson 36 – Subtracting Fractions and Mixed Numbers from Whole Numbers

- Subtracting fractions and mixed numbers from whole numbers

Lesson 37 – Adding and Subtracting Decimal Numbers

- Adding and subtracting decimal numbers

Lesson 38 – Adding and Subtracting Decimal Numbers and Whole Numbers; Squares and Square Roots

- Adding and subtracting decimal numbers and whole numbers
- Squares and square roots

Lesson 39 – Multiplying Decimal Numbers

- Multiplying decimal numbers

Lesson 40 – Using Zero as a Placeholder; Circle Graphs

- Using zero as a placeholder
- Circle graphs

Lesson 41 – Finding a Percent of a Number

- Finding a percent of a number

Lesson 42 – Renaming Fractions by Multiplying by 1

- Renaming fractions by multiplying by 1

**Lesson 43 – Equivalent Division Problems;
Missing-Number Problems with Fractions
and Decimals**

- Equivalent division problems
- Missing-number problems with fractions and decimals

**Lesson 44 – Simplifying Decimal Numbers;
Comparing Decimal Numbers**

- Simplifying decimal numbers
- Comparing decimal numbers

**Lesson 45 – Dividing a Decimal Number by a Whole
Number**

- Dividing a decimal number by a whole number

**Lesson 46 – Writing Decimal Numbers in Expanded
Notation; Mentally Multiplying Decimal
Numbers by 10 and by 100**

- Writing decimal numbers in expanded notation
- Mentally multiplying decimal numbers by 10 and by 100

Lesson 47 – Circumference; Pi

- Circumference
- Pi

**Lesson 48 – Subtracting Mixed Numbers with
Regrouping, Part 1**

- Subtracting mixed numbers with regrouping, part 1

Lesson 49 – Dividing by a Decimal Number

- Dividing by a decimal number

**Lesson 50 – Decimal Number Line (Tenths);
Dividing by a Fraction**

- Decimal number line (tenths)
- Dividing by a fraction

Lesson 51 – Rounding Decimal Numbers

- Rounding decimal numbers

**Lesson 52 – Mentally Dividing Decimal Numbers
by 10 and by 100**

- Mentally dividing decimal numbers by 10 and by 100

Lesson 53 – Decimals Chart; Simplifying Fractions

- Decimals chart
- Simplifying fractions

**Lesson 54 – Reducing by Grouping Factors Equal to 1;
Dividing Fractions**

- Reducing by grouping factors equal to 1
- Dividing fractions

Lesson 55 – Common Denominators, Part 1

- Common denominators, part 1

Lesson 56 – Common Denominators, Part 2

- Common denominators, part 2

**Lesson 57 – Adding and Subtracting Fractions:
Three Steps**

- Adding and subtracting fractions: three steps

Lesson 58 – Probability and Chance

- Probability and chance

Lesson 59 – Adding Mixed Numbers

- Adding mixed numbers

Lesson 60 – Polygons

- Polygons

Lesson 61 – Adding Three or More Fractions

- Adding three or more fractions

Lesson 62 – Writing Mixed Numbers as Improper Fractions

- Writing mixed numbers as improper fractions

Lesson 63 – Subtracting Mixed Numbers with Regrouping, Part 2

- Subtracting mixed numbers with regrouping, part 2

Lesson 64 – Classifying Quadrilaterals

- Classifying quadrilaterals

Lesson 65 – Prime Factorization; Division by Primes; Factor Trees

- Prime factorization
- Division by primes
- Factor trees

Lesson 66 – Multiplying Mixed Numbers

- Multiplying mixed numbers

Lesson 67 – Using Prime Factorization to Reduce Fractions

- Using prime factorization to reduce fractions

Lesson 68 – Dividing Mixed Numbers

- Dividing mixed numbers

Lesson 69 – Lengths of Segments; Complementary and Supplementary Angles

- Lengths of segments
- Complementary and supplementary angles

Lesson 70 – Reducing Fractions Before Multiplying

- Reducing fractions before multiplying

Lesson 71 – Parallelograms

- Parallelograms

Lesson 72 – Fractions Chart; Multiplying Three Fractions

- Fractions chart
- Multiplying three fractions

Lesson 73 – Exponents; Writing Decimal Numbers as Fractions, Part 2

- Exponents
- Writing decimal numbers as fractions, part 2

Lesson 74 – Writing Fractions as Decimal Numbers

- Writing fractions as decimal numbers

Lesson 75 – Writing Fractions and Decimals as Percents, Part 1

- Writing fractions and decimals as percents, part 1

Lesson 76 – Comparing Fractions by Converting to Decimal Form

- Comparing fractions by converting to decimal form

Lesson 77 – Finding Unstated Information in Fraction Problems

- Finding unstated information in fraction problems

Lesson 78 – Capacity

- Capacity

Lesson 79 – Area of a Triangle

- Area of a triangle

Lesson 80 – Using Scale Factor to Solve Ratio Problems

- Using scale factor to solve ratio problems

Lesson 81 – Arithmetic with Units of Measure

- Arithmetic with units of measure

Lesson 82 – Volume of a Rectangular Prism

- Volume of a rectangular prism

Lesson 83 – Proportions

- Proportions

Lesson 84 – Order of Operations, Part 2

- Order of operations, part 2

Lesson 85 – Using Cross Products to Solve Proportions

- Using cross products to solve proportions

Lesson 86 – Area of a Circle

- Area of a circle

Lesson 87 – Finding Missing Factors

- Finding missing factors

Lesson 88 – Using Proportions to Solve Ratio Problems

- Using proportions to solve ratio problems

Lesson 89 – Estimating Square Roots

- Estimating square roots

Lesson 90 – Measuring Turns

- Measuring turns

Lesson 91 – Geometric Formulas

- Geometric formulas

**Lesson 92 – Expanded Notation with Exponents;
Order of Operations with Exponents;
Power of Fractions**

- Expanded notation with exponents
- Order of operations with exponents
- Power of fractions

Lesson 93 – Classifying Triangles

- Classifying triangles

**Lesson 94 – Writing Fractions and Decimals as
Percents, Part 2**

- Writing fractions and decimals as percents, part 2

Lesson 95 – Reducing Units Before Multiplying

- Reducing units before multiplying

Lesson 96 – Functions; Graphing Functions

- Functions
- Graphing functions

Lesson 97 – Transversals

- Transversals

**Lesson 98 – Sum of the Angle Measures of Triangles
and Quadrilaterals**

- Sum of the angle measures of triangles and quadrilaterals

Lesson 99 – Fraction-Decimal-Percent Equivalents

- Fraction-decimal-percent equivalents

Lesson 100 – Algebraic Addition of Integers

- Algebraic addition of integers

Lesson 101 – Ratio Problems Involving Totals

- Ratio problems involving totals

Lesson 102 – Mass and Weight

- Mass and weight

Lesson 103 – Perimeter of Complex Shapes

- Perimeter of complex shapes

Lesson 104 – Algebraic Addition Activity

- Algebraic addition activity

**Lesson 105 – Using Proportions to Solve Percent
Problems**

- Using proportions to solve percent problems

Lesson 106 – Two-Step Equations

- Two-step equations

Lesson 107 – Area of Complex Shapes

- Area of complex shapes

Lesson 108 – Transformations

- Transformations

Lesson 109 – Corresponding Parts; Similar Triangles

- Corresponding parts
- Similar triangles

Lesson 110 – Symmetry

- Symmetry

Lesson 111 – Applications Using Division

- Applications using division

Lesson 112 – Multiplying and Dividing Integers

- Multiplying and dividing integers

**Lesson 113 – Adding and Subtracting Mixed Measures;
Multiplying by Powers of Ten**

- Adding and subtracting mixed measures
- Multiplying by powers of ten

Lesson 114 – Unit Multipliers

- Unit multipliers

Lesson 115 – Writing Percents as Fractions, Part 2

- Writing percents as fractions, part 2

Lesson 116 – Compound Interest

- Compound interest

**Lesson 117 – Finding a Whole When a Fraction Is
Known**

- Finding a whole when a fraction is known

Lesson 118 – Estimating Area

- Estimating area

**Lesson 119 – Finding a Whole When a Percent Is
Known**

- Finding a whole when a percent is known

Lesson 120 – Volume of a Cylinder

- Volume of a cylinder

**Lesson 201 – Investigation 1 – Frequency Tables;
Histograms; Surveys**

- Frequency tables
- Histograms
- Surveys

**Lesson 202 – Investigation 2 – Investigating Fractions
with Manipulatives**

- Investigate fractions with manipulatives

**Lesson 203 – Investigation 3 – Measuring and Drawing
Angles with a Protractor**

- Measure and draw angles with a protractor

**Lesson 204 – Investigation 4 – Data Collection and
Surveys**

- Data collection and surveys

Lesson 205 – Investigation 5 – Displaying Data

- Display data

**Lesson 206 – Investigation 6 – Attributes of Geometric
Solids**

- Attributes of geometric solids

Lesson 207 – Investigation 7 – The Coordinate Plane

- The coordinate plane

**Lesson 208 – Investigation 8 – Geometric Construction
of Bisectors**

- Geometric construction of bisectors

Lesson 209 – Investigation 9 – Experimental Probability

- Experimental probability

**Lesson 210 – Investigation 10 – Compound
Experiments**

- Compound experiments

**Lesson 211 – Investigation 11 – Scale Drawings and
Models**

- Scale drawings and models

Lesson 212 – Investigation 12 – Platonic Solids

- Platonic solids

Lesson 213 – Appendix Topic A – Roman Numerals

- Roman numerals

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