



# Key Topics by Grade with Hawaii Content & Performance Standards III



## 3rd Grade

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|-------------------------------------|----------------------------------|
| 1. Place Value to 10,000            | MA.3.1.1                         |
| 2. Multi-Digit Addition             | MA.3.3.2                         |
| 3. Multi-Digit Subtraction          | MA.3.3.2                         |
| 4. Multiplication by a Single Digit | MA.3.3.1<br>MA.4.2.3             |
| 5. Division by a Single Digit       | MA.3.2.3<br>MA.4.2.3             |
| 6. Geometry—Identifying Shapes      | MA.3.5.1<br>MA.4.5.1<br>MA.4.5.3 |
| 7. Basic Fractions                  | MA.3.1.3                         |

## 4th Grade

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| 1. Place Value to 1,000,000                   | MA.4.1.1   |
| 2. Multi-Digit Multiplication                 | MA.4.3.1<br>MA.4.3.2                                     |
| 3. Long Division w/Single Digit Divisor       | MA.4.3.2   |
| 4. Geometry—Area and Perimeter                | MA.4.4.5   |
| 5. Algebra—Find the Missing Number or Sign    | MA.3.2.1<br>MA.5.2.1                                     |
| 6. Add/Subtract Fractions w/Like Denominators | MA.4.2.1<br>MA.4.3.3                                     |
| 7. Basic Decimals—Add/Subtract Decimals       | MA.3.1.1<br>MA.4.1.1<br>MA.4.1.3<br>MA.4.2.1<br>MA.4.3.4 |

## 5th Grade

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| 1. Graphing Coordinates                          | MA.4.8.1                         |
| 2. Long Division w/Multi-Digit Divisors          | MA.4.3.2                         |
| 3. Multiply/Divide Decimals                      | MA.5.3.1                         |
| 4. Geometry—Area of Parallelograms and Triangles | MA.4.4.3<br>MA.5.4.5<br>MA.5.5.3 |
| 5. Add/Subtract Integers                         | MA.7.3.1                         |
| 6. Add/Subtract Fractions w/Unlike Denominators  | MA.4.3.3                         |
| 7. Decimals, Fractions, and Percents             | MA.6.1.1<br>MA.6.2.2             |

## 6th Grade

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|--|------------------------------------|
| 1. Factoring Numbers, GCF, and LCM                 | MA.4.1.2<br>MA.6.1.2               |
| 2. Geometry—Circumference/Area of a Circle         | MA.7.4.3                           |
| 3. Add/Subtract Mixed Numbers                      | MA.4.3.3                           |
| 4. Ratios and Proportions                          | MA.5.1.1<br>MA.8.1.3               |
| 5. Multiply/Divide Integers                        | MA.7.3.1                           |
| 6. Algebra—Solve One-Step Equations                | MA.6.10.1<br>MA.7.2.3<br>MA.7.10.3 |
| 7. Compare/Order Fractions, Decimals, and Integers | MA.6.1.1<br>MA.7.1.3               |

## 7th Grade

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| 1. Order of Operations                     | MA.6.2.1<br>MA.7.2.2<br>MA.8.2.1    |
| 2. Multiply/Divide Fractions               | MA.5.3.2                            |
| 3. Powers, Exponents, and Roots            | MA.8.1.1<br>MA.8.2.2                |
| 4. Algebra—Solve Two-Step Equations        | MA.7.10.3                           |
| 5. Graphing Using the Slope Formula        | MA.7.10.1<br>MA.8.10.4<br>MA.AI.8.2 |
| 6. Simplifying Fractions w/Variables       | MA.AI.10.3                          |
| 7. Pythagorean Theorem and Right Triangles | MA.8.5.1<br>MA.PA.5.1               |

## 8th Grade

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|---------------------------------------|---------------------------|
| 1. Algebra—Solve Multi-Step Equations | MA.AI.10.1                |
| 2. Add/Subtract Polynomials           | MA.AI.10.3                |
| 3. Multiply/Divide Polynomials        | MA.AI.10.3                |
| 4. FOIL                               | MA.AI.10.3                |
| 5. Factoring Polynomials              | MA.AI.10.6<br>MA.AII.10.4 |
| 6. Graph Linear Equations             | MA.AI.8.1                 |
| 7. Quadratic Formula                  | MA.AI.10.7                |