

# Order of Operations & Mathematical Properties

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ELC-3032

## Common Core Standards

Grade 4

### **4.OA.A.3**

*Solve multistep word problems using the four operations; represent with equations; assess reasonableness.*

### **4.OA.A.2**

*Multiply or divide to solve word problems involving multiplicative comparison.*

### **4.NBT.B.5**

*Multiply a whole number of up to four digits by a one-digit whole number.*

### **4.NBT.B.6**

*Find whole-number quotients with up to four-digit dividends and one-digit divisors.*

### **4.MD.A.2**

*Use the four operations to solve word problems involving distances, intervals, liquid volume, money, etc.*

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Grade 5

### **5.OA.A.1**

*Use parentheses, brackets, or braces in numerical expressions and evaluate them.*

**5.OA.A.2**

*Write and interpret simple numerical expressions.*

**5.NBT.B.5**

*Fluently multiply multidigit whole numbers.*

**5.NBT.B.6**

*Find whole-number quotients of multidigit dividends.*

**5.NBT.B.7**

*Add, subtract, multiply, and divide decimals to hundredths.*

**5.NF.B.3**

*Interpret a fraction as division of the numerator by the denominator.*

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**Grade 6**

**6.EE.A.1**

*Write and evaluate numerical expressions involving whole-number exponents.*

**6.EE.A.2**

*Write, read, and evaluate expressions with variables using order of operations.*

**6.EE.A.3**

*Apply the properties of operations to generate equivalent expressions.*

**6.EE.A.4**

*Identify when two expressions are equivalent.*

**6.NS.A.1**

*Interpret and compute quotients of fractions; solve word problems involving division of fractions.*

**6.NS.B.2**

*Fluently divide multi-digit numbers using the standard algorithm.*

**6.NS.B.3**

*Fluently add, subtract, multiply, and divide multi-digit decimals.*