

8th Grade Math Concept Readiness Checklist

These are the biggest skills that help students succeed in 8th grade math:

Integer Operations

- ☐ Add/subtract integers
- ☐ Multiply/divide integers
- ☐ Understand absolute value

Fractions, Decimals & Percents

- ☐ Compute with fractions and decimals
- ☐ Convert between forms
- ☐ Solve percent problems
- ☐ Find discounts, tax, and tips

Ratios & Proportional Relationships

- ☐ Unit rates
- ☐ Proportions
- ☐ Percent increase/decrease
- ☐ Constant of proportionality

Expressions & Equations

- ☐ Simplify expressions
- ☐ Solve multi-step equations
- ☐ Solve inequalities
- ☐ Substitute values into formulas

Geometry Skills

- ☐ Area and volume
- ☐ Surface area
- ☐ Angle relationships
- ☐ Coordinate plane concepts