



Middle School Summer Math

Please Note:

5L is for Mrs. Batson's Math Class (Accelerated)

5M is for Mrs. Bala's Math Class (Grade Level)

Follow these steps to access the middle school summer math work:

- Visit [DeltaMath.com](https://www.DeltaMath.com)
- Near the center of the page, click on “For Students.”
- Click the yellow button that says “Register”
- Enter the class code that corresponds with the class your student will be entering. They are as follows:

5M - DY2N-X2HS

5L - 3A7T-6W32

6M - XX7A-42LB

6L - 2FW8-8GN9

7M - U47P-34NK

7L - 5A2S-87KL

8M - EL5Z-P3NG

8L - G9GV-2F72

- Register with a Gmail account.

****Note:** The “required amount” for each question type was set to 100 to ensure that students could revisit concepts as much as they would like. It is not necessary to complete all 100.

Skills to be covered:

7L

- Add and subtract integers
- Multiplication and division of Integers
- PEMDAS (w/ exponents)
- Simplifying fractions
- Add and subtract fractions
- Multiply and divide fractions (positive and negative)
- Scaled figures
- Two-step equations
- Linear equations w/ distribution
- Equivalent expressions
- Linear inequalities w/ number line
- Circumference
- Area of circle

- Vertical/adjacent/complementary angles
- Make tables and graphs for proportional contexts

8L

- Combine positive and negative integers
- Standard to slope-intercept form
- Solve system of equations by graphing
- Solve system of equations by elimination
- Solve system of equations by substitution
- Writing equations of lines
- Linear equations w/ distribution
- Linear inequality w/ number line
- Compound inequalities
- Graphing linear inequalities
- Linear inequality systems graphically
- Exponent rules (variables and coefficients)
- Dividing powers
- Find GCF (w/ variables)
- Volume of a cylinder
- Volume of a cone
- Determine if a set of points is a function
- Pythagorean Theorem
- Convert scientific notation to standard form
- Convert number to scientific notation
- Two-step equations with fractional coefficients