



Math Summer Assignment for
Math 6
Wall Township Math Department
Optional Summer Assignment



- ★ This summer assignment is intended to prepare you for the math course above.
- ★ You will find examples and video links to help you complete the practice.
- ★ It is important to complete this practice *without the use of a calculator*.

Skill 1: Long Division with Whole Numbers



Helpful Video Link:

→ [Long Division: A Step-By-Step Review | How to do Long Division | Math with Mr. J](#)

Practice: Divide the following numbers. Remainders should be written in fraction or decimal form.

1)	$814 \div 22$	2)	$91 \div 7$	3)	$46 \div 10$
4)	$11,835 \div 15$	5)	$704 \div 11$	6)	$495 \div 6$

Skill 2: Rounding Numbers



Helpful Video Link:

→ [Rounding Numbers to the Nearest 10, 100, and 1000 | Round up and Round down](#)

Practice: Round **315.6723** to the place value.

1)	to the nearest hundredth	2)	to the nearest ones place	3)	to the nearest tenth
4)	to the nearest tens place	5)	To the nearest hundred	6)	To the nearest thousandth

Skill 3: Writing Numbers in Expanded Form



Helpful Video Link:

→ [Expanded Form Whole Numbers | 5th Grade Math](#)

Practice: Write each number in expanded form.

1)	16	2)	731	3)	5642
4)	81203	5)	985,422	6)	2,451,300

Skill 4: Operations with Fractions



Helpful Video Link:

→ [YouTube Fraction Review | How to Add, Subtract, Multiply, and Divide Fractions](#)

Practice: Perform the given operation.

1)	$\frac{2}{15} + \frac{8}{15}$	2)	$1\frac{3}{5} + \frac{7}{10}$	3)	$\frac{6}{7} - \frac{2}{9}$
4)	$4\frac{4}{5} - 1\frac{3}{5}$	5)	$\frac{1}{4} \times \frac{2}{7}$	6)	$5\frac{3}{4} + \frac{1}{2}$
7)	$\frac{2}{3} \div \frac{8}{5}$	8)	$\frac{8}{9} \div 6$		

Skill 5: Long Multiplication



Helpful Video Link:

→ [Math - Long Multiplication](#)

Practice: Find the product of each expression.

1)	14×21	2)	932×17	3)	$7,965 \times 12$
4)	5.31×4.6	5)	$5,525 \times 3.13$	6)	9.8×33