



New Course FACT Sheet 2024-2025

Course Title: Math 7/6

Teacher Contact Information:

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- The best time to reach me is: Monday, Wednesday and Friday 9-3

****In case of an emergency please feel free to text me at anytime and I will get back to you as soon as I can****

Course Overview:

- This course is an introduction to numbers and fundamental math concepts that will help develop a good foundation for upper math.

Supplies lists are provided on the TRA Website.

Goals:

“The power of yet! I can’t do this....yet! I’m not good at this.....yet! I don’t understand this....yet! It doesn’t work....yet! This doesn’t make sense....yet!”

Math is a journey. My **heart** is for students to grab a hold of each math topic we learn, in the manner that they best learn. Visual tools, problem solving techniques and simply thinking outside of the box can be the difference between a child struggling with math forever or knowing that there is a way for them to make sense of the concept. **We will get there!**

The Successful Student:

- Is polite and have good manners at all times! (See the Code of Conduct)
- Keeps current with all assignments.
- Does all of their own work with honesty and integrity
- Asks questions and ask for help when they need it.
- Is ALWAYS be prepared for class, that includes course material, paper, and writing utensils.

The Successful Parent:

- Be aware of the current assignments for their students.
- Oversee the work at home making sure that students complete the assignments.
- Provide the materials the students need to be successful in this class.
- Proctor the Take-Home Tests, signing and sealing them to be returned to class
- Contact the teacher if there are any problems ASAP
- Check grades every week to see how their child is doing! This is IMPERATIVE. I do not put grades on student’s work; I post them to this site with notes, if needed.



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Homework Policy:

Take the homework seriously. Homework is used as a tool to sharpen the skills that you have learned during the week and constantly reminding you of the skills you will need to use as building blocks for new mathematical concepts.

- Your homework is expected to be submitted on time.
- Homework will NOT be accepted more than 2 weeks late.
- If unforeseen circumstances are communicated between the teacher and parents and makeup work will be coordinated accordingly.

Week-by-Week Overview

Semester I	Semester II
Week 1 Adding and Subtracting whole #'s and \$, mult and div whole #'s and \$, missing 3's in add and sub	Week 19 Review page, denominators part 1, common denominators part 2
Week 2 Missing #'s in mult and div, orders of operation part 1, fractional parts	Week 20 TEST NOTEBOOK CHK -Add and sub fractions, probability and chance, adding mixed #'s
Week 3 Line segments and rays, perimeter, the number line; ordering and comparing	Week 21 polygons, adding three or more fractions, writing mixed #'s as improper fractions
Week 4 TEST-NOTEBOOK CHK -sequences; scales, problems with combining and separating, place value, elapsed time problems	Week 22 subtracting mixed #'s, classifying quadrilaterals, prime factorization, mult mixed #'s
Week 5 The number line; negative #'s, equal groups; multistep problems,	Week 23 TEST -reducing fractions with prime factors, dividing mixed #'s
Week 6 TEST Rounding whole 3's, estimating, the number line: fractions and mixed numbers	Week 24 NOTEBOOK CHK -lengths of segments and angles, reducing fractions before mult,
Week 7 GCF, Divisibility, "equal groups" stories with fractions	Week 25 TEST -Parallelograms, mult three factors, exponents, writing decimal #'s as fractions, writing fractions as decimal #'s
Week 8 TEST NOTEBOOK CHK -ratio, add &sub fractions that have common denominators, writing div answers as mixed numbers, multiples	Week 26 Writing fractions & decimal as percents, comparing fractions by converting to decimals, fraction problems
Week 9 Using manipulative to reduce fractions , add & sub mixed numbers,	Week 27 TEST Capacity, area of a triangle, scale factor and ratio problems
Week 10 TEST - Mult fractions; reducing fraction by div by CF, LCM, Area of Rectangle	Week 28 NOTEBOOK CHK Volume of rect prism, proportions, order of operations part 2
Week 11 Expanded notation and elapsed time, writing % as fractions part 1, dec place value	Week 29 Using cross products to solve proportions, area of a circle, finding missing factors



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Week 12 TEST NOTEBOOK CHK -Decimal #'s and fractions, subtracting fractions	Week 30 TEST -Using proportions to solve ratio problems, geometric formulas, expanded notation and exponents
Week 13 add and sub decimal #'s, square roots, mult decimal #'s, Using zero as a place holder	Week 31 Classifying triangles, fractions, decimals and percents, reducing units, functions; graphing
Week 14 TEST Finding % of a #, renaming a fraction by mult by 1, problems with fractions and decimals	Week 32 TEST NOTEBOOK CHK - transversals, sums of angle measurements
Week 15 Lesson 45, 46, 47	Week 33 Fraction, decimal, percents, reducing units, functions and graphing
Week 16 TEST NOTEBOOK CHK -div a decimal # by a whole #, expanded notation and mental multiplication, Circumference and Pi	Week 34 TEST - Mass and weight, perimeter of complex shapes, algebraic addition
Week 17 Subtracting Mixed #'s and regrouping, decimal # line, div by a fraction, rounding dec #'s	Week 35 Proportions and percent problems, two step equations, area of complex shape
Week 18 TEST Mentally div decimal #'s by 10 and 100, decimals chart; simplifying fractions, reducing by grouping; factors equal to 1; div fractions	Week 36 TEST NOTEBOOK CHK -Transformations, corresponding parts; similar triangles, symmetry

This schedule is an overview. TRA reserves the right to make changes during the school year.