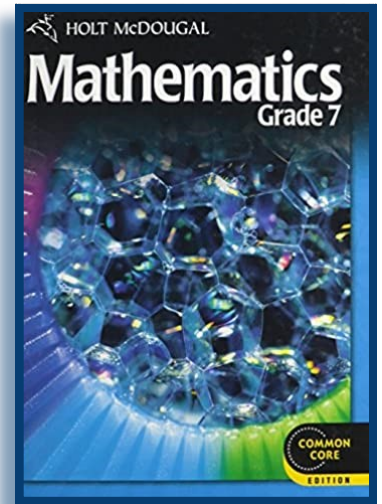


# Intermediate Math

6th grade and up

*“Pure mathematics is, in its way, the poetry of logical ideas.”*  
*“Do not worry about your difficulties in Mathematics.*  
*I can assure you mine are still greater.”*  
—Albert Einstein



Tutor: Patricia Polstra (269) 267-5997 patpolstra@yahoo.com

## Overview:

This class is designed to prepare your student for pre-algebra—this book was specifically chosen as a transition to Mrs. Ohland’s pre-algebra and high school math classes. The weekly class will consist of a lecture, quiz, and a game and/or puzzle. Expect to spend about one hour per day on regular homework assignments. Students should know that their brains are like muscles and can shrink and grow, and that productive struggle, not anxiety, helps their brains to grow. My goal is to boost your student’s confidence in math. **In this class, students are prepared for pre-algebra and beyond with the mastery of necessary skills such as:**

In class, we:

- Solve problems, don’t just “do” problems
- Encourage students to TALK and THINK about math
- Motivate students through puzzles and games
- Don’t associate math with speed
- Build number sense
- Strengthen informal math literacy
- Enjoy the beauty of math

- **Math facts**
- **Fractions**
- **Decimals**
- **Percents**
- **Positive/Negative Integers**
- **Exponents**
- **Order of operations**

## Materials:

- Textbook, Holt McDougal Mathematics Grade 7 by Bennett, Burger, Chard, Hall, Kennedy, Renfro, Roby, Scheer, Waits; Copyright 2012; ISBN: 978-0-547-64717-3
- 3 ring binder stocked with notebook paper and graph paper
- pencils, calculator (optional)

## Instructor:

I have a BBS (secondary education) from Crown College. I loved teaching at a small private school in Grand Rapids and have continued my love of teaching and community with children’s church ministries and co-op. I am a wife of over twenty years and mother to two young adults. We have been homeschooling since 2010 and have enjoyed our years in co-op. We are quirky gameschoolers who never met a hobbit we didn’t like.

**Self-Pay Fees:** \$340 total tuition: \$170 due September 6, 2023; \$170 due January 17, 2024. If the class is dropped after the third class of the semester, tuition is not refunded.

**LAMP fees:** \$340 tuition; if LAMP only provides partial payment, you will be responsible for the rest, which will be due October 18, 2023. Students are required to self-pay for any missed LAMP payments due to dropping after the third class or not meeting LAMP requirements during the semester.