

# Middle School Math

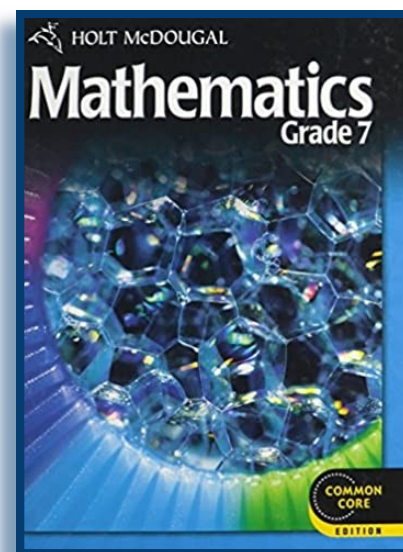
6th grade and up

*"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

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## 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 paper and three dividers
- pencils, calculator (optional)

**Tuition:** \$350 for the year

\$30 non-refundable deposit due at registration; \$160 due September 13, 2021; \$160 due January 24, 2022. If the class is dropped after the third class of the semester, tuition is not refunded.

## 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, RBM's Released Bible Time, and co-op.

I am a wife of twenty years and mother to two teenagers. 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.