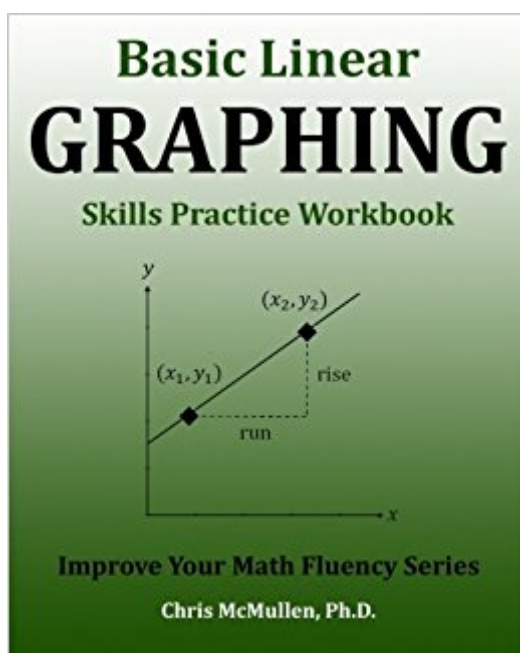


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# Basic Linear Graphing Skills Practice Workbook: Plotting Points, Straight Lines, Slope, Y-Intercept & More (Improve Your Math Fluency Series)



## Synopsis

**WHAT TO EXPECT:** Learn basic coordinate algebra graphing skills with this practice workbook: basic graphing terminology, reading  $(x, y)$  coordinates, signs in Quadrants I-IV, practice plotting points, find the slope between two points, find the y-intercept, the equation for a straight line, draw straight lines given  $m$  and  $b$ , challenge chapter builds applied skills. **EXAMPLES:** Each section begins with a concise introduction to the main concepts followed by examples. These examples should serve as a useful guide until students are able to solve the problems independently. **ANSWERS:** Answers to exercises are tabulated at the back of the book. This helps students develop confidence and ensures that students practice correct techniques, rather than practice making mistakes. **PHOTOCOPIES:** The copyright notice permits parents/teachers who purchase one copy or borrow one copy from a library to make photocopies for their own children/students only. This is very convenient if you have multiple children/students or if a child/student needs additional practice. **AUTHOR:** Chris McMullen earned his Ph.D. in physics from Oklahoma State University and currently teaches physics at Northwestern State University of Louisiana. He developed the Improve Your Math Fluency series of workbooks to help students become more fluent in basic math skills.

## Book Information

Series: Improve Your Math Fluency Series

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## Customer Reviews

**THE IMPROVE YOUR MATH FLUENCY SERIES OF WORKBOOKS** Chris McMullen, Ph.D. This series of math workbooks is geared toward practicing essential math skills. As a physics teacher,

Dr. McMullen observed that many students lack fluency in fundamental math skills. In an effort to help students of all ages and levels master basic math skills, he published this series of math workbooks on arithmetic, fractions, algebra, trigonometry, and more.

**RELATED BOOKS IN THE IMPROVE YOUR MATH FLUENCY SERIES**

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**Basic Linear Graphing Skills Practice Workbook.** Learn basic coordinate algebra graphing skills, including the four Quadrants, plotting points, finding slope, y-intercept, and the equation for a straight line. Each section begins with a short review, including examples. ISBN: 1941691056.

**Trigonometry Essentials Practice Workbook with Answers.** Practice essential skills, including conversion from degrees to radians, trig functions, special triangles, the reference angle, going beyond Quadrant I, inverse trig functions, the law of sines, the law of cosines, and trig identities. Each chapter begins with a short review, including examples. ISBN: 1477497781.

**Learn or Review Trigonometry: Essential Skills.** This book provides an introduction or review to the basic ideas, concepts, and skills of trigonometry with explanations and examples. ISBN: 194169103X.

**Trigonometry Flash Cards: Memorize the values of trig functions (sine, cosine, and tangent) from 0 to 360 degrees.** Available on Kindle. ASIN: B0074EWAUS.

Chris McMullen is a physics instructor at Northwestern State University of Louisiana. He earned his Ph.D. in phenomenological high-energy physics (particle physics) from Oklahoma State University in 2002. Originally from California, he earned his Master's degree from California State University, Northridge, where his thesis was in the field of electron spin resonance. As a physics teacher, Dr. McMullen observed that many students lack fluency in fundamental math skills. In an effort to help students of all ages and levels master basic math skills, he has published this Improve Your Math Fluency Series of math workbooks on arithmetic, fractions, algebra, and trigonometry.

I bought this book to brush up on my graphing skills as it had been a while since I learnt these concepts. I found this book to be an excellent resource for all the basic "graphing musts". It is not intimidating as a math textbook and yet provides all the necessary foundational concepts that one needs to know to plot and interpret graphs. It has an abundance of

worked out examples and it also has plenty of unsolved exercises for the learner to practice. The answers to all the unsolved problems made it possible for me check my understanding as I solved the problems. I would absolutely recommend this book to anyone who is interested in mastering the graphing skills.

Great book to learn and practice graphing.

This book provides a thorough review of basic graphing. Excellent format with all steps explained in simple terms.

This book is written in an easy to understand and step by step method. It has helped me tremendously on the subject. I am confused by the negative review.

It is a very easy to understand book. Very helpful!

Don't understand it

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