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Preface

This is a comprehensive manual written for both instructors and teaching assistants. It contains all solutions to the exercises in the text *Beginning Algebra with Applications and Visualization* by Rockswold and Krieger. This manual also includes solutions for Checking Basic Concepts, Critical Thinking, Group Activities and the Extended and Discovery exercises found at the end of each chapter.

In addition to providing solutions to exercises, it is the author's intent that this quality manual serve many roles. First, this manual can save time for instruction. It contains comprehensive solutions written in a clear format with hundreds of graphs and tables. It frequently includes not only symbolic solutions but also graphical and numerical solutions, thereby freeing the instructor from generating solutions graphs and tables. Second, this manual can be helpful when selecting assignments for students. By merely browsing the solutions, an instructor can observe both the variety of exercises and the large number of application exercises available. The exercises have varying levels of difficulty. Instructors can quickly select both appropriate and meaningful exercises for their students. Third, this manual provides direction and guidance for explaining solutions to students in the classroom. Many of the applications included are real-data exercises that are unique to this text. This manual is consistent with the text and gives solutions that are accessible to most beginning and intermediate algebra students.

It is the author's hope that you will find this manual helpful when teaching from the text *Beginning Algebra with Applications and Visualization*. Please email any comments or questions to tkrieger@mcleodusa.net. Your opinion is important. Best wishes for an enjoyable and successful beginning algebra course.

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