

Review of Unit 7, [Adult Learning Academy - Pre-Algebra Workbook](#)

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Open Textbooks Review Criteria

1. Comprehensiveness - Score: 2/5

The index and heading of this unit is Algebra, which is a very broad topic covering various levels of difficulty. A more appropriate title for this unit would be Introduction to Solving Basic Equations. This section contains appropriate references to websites, videos, and exercises for students to use procedural strategies to solving basic equations in a scaffolded manner, starting from identifying variables to solving 2-step equations. Khan Academy appears to be heavily relied upon for content knowledge.

2. Content Accuracy - Score: 5/5

Unit 7 is accurate, error-free and unbiased.

3. Relevance/Longevity - Score: 5/5

Unit 7 content is up-to-date, but not in a way that will quickly make the text obsolete within a short period of time. The text is written and/or arranged in such a way that necessary updates will be relatively easy and straightforward to implement.

4. Clarity - Score: 2/5

The worksheet word problems are written in lucid, accessible prose, and provides adequate context for any jargon/technical terminology used. An introduction that would explain how to use the textbook or indicate the intent of the textbook would be extremely helpful.

5. Consistency - Score: 4/5

The reviewed content appears to follow a consistent organized framework in comparison to the rest of the units. However, the last item in the Video and Exercise List “Compass Review” contains a topic “Radicals” that appear to be unrelated to the designated topic of Unit 7 (Algebra).

6. **Modularity** - Score: 5/5

The content is easily and readily divisible into smaller sections that can be assigned at different points within the course.

7. **Organization/Structure/Flow** - Score: 3/5

The order in which the topics are presented in Unit 7 appears to be listed in a logical, clear fashion. However, it remains unclear as to when the Section exercises are to be assigned, whether before or after certain videos are viewed or interactive exercises practiced in Khan Academy. Also, the last item in the Video and Exercise List “Compass Review” contains a topic “Radicals” that appear to be unrelated to Unit 7 (Algebra).

8. **Interface** - Score: 2/5

The Unit 7 Video & Exercise List is organized by topic, website, videos, and exercises. Websites (such as Khan Academy) are linked, but lack instructions on how to access the specific titles listed in the video and exercises columns. Linking to specific videos and exercises in Khan Academy would be helpful and more intuitive for students and instructors. Flashcards via PowerPoint on Blackboard and Compass Review links appear to be inaccessible or restricted access to enrolled students of St. Louis Community College.

The workbook exercises meant for students to practice on paper lack proper instructions for usage. For example, solving equations in Section 7.4 and 7.5 may need additional spacing for students.

9. **Grammatical Errors** - Score: 5/5

The text contains no grammatical errors in this unit.

10. **Cultural Relevance** - Score: 4/5

The text is not culturally insensitive or offensive in any way.

11. Are there any other comments you would like to make about this book, for example, its appropriateness in the local context or specific updates you think need to be made?

12. For what level would this text be appropriate (i.e. First year, Second year, etc.)
Introductory course for developmental math students.

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