

Blitzer

Strengths

1. This text is well organized and easy to read. It contains many example problems and example problems have well-written step-by-step solutions. It is visually appealing with good illustrations and does a good job of highlighting important facts and steps
2. Very good real world examples and applications start each section. Colorful, well depicted pictures in applications.
3. The text contains a large number of homework exercises for the instructor to choose from.
4. There are very good writing questions, technology questions, and critical thinking questions in each section.
5. Integrates good calculator examples throughout with good calculator explanations.
6. Chapter summaries and reviews.
7. My Math Lab is available with this text.
8. Uses limit notation in graphing rational functions.
9. Transformations covered early but repeated in good detail with exponential and logarithmic functions.
10. Graphing trig functions is thorough, covering all graph modifications.
11. Inverse trig function includes graphs, evaluations and compositions.
12. Trig identities; all methods of proof are included with guidelines given from choosing methods
13. Trig equations; all methods are illustrated with plenty of practice problems.
13. Law of Sines and Cosines section shows all situations with good applications.
14. Each section contains objectives MyMathLab will have 100% of all of the odd-numbered exercises
15. Step-by-step solutions on video for all chapter test exercises from the text

Weaknesses

1. This text may also be used for College Algebra so the expositions is exactly the same in level and wording and the number of non-duplicate homework problems in the material covered in both 1111 and 1113 is small.
2. Most triangle applications have diagrams drawn instead of forcing the student to determine the picture.
3. Students are not asked to find a formula for a sequence.