[11pt]exam amssymb, amsfonts, amsmath, amsthm, latexsym, verbatim, xspace, setspace, mathrsfs, systeme, graphicx tikz, pgf, pgfplots

[margin=1in]geometry textcomp

compat=1.15 fillbetween plotmarks arrows calc

College Algebra Fall 2021 Exam Three 11/10/21 80 Minutes

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This exam contains pages (including this cover page) and problems. Check to see if any pages are missing. Enter all requested information on the top of this page, and put your initials on the top of every page, in case the pages become separated.

You may not use your books, notes, or any calculator on this exam.

You are required to show your work on each problem on this exam. The following rules apply:

minipage[t]3.7in 0pt itemize

Organize your work, in a reasonably neat and coherent way, in the space provided. Work scattered all over the page without a clear ordering will receive very little credit.

Box your final answer and label the solution with the appropriate variables (if applicable).

Simplify your final answer. A correct answer, written in an unsimplified way, will receive less than full credit. All fractions must be written such that the numerator and denominator share no common factors.

D o not leave a question blank. You will not be penalized for incorrect work, and partial answers may receive partial credit.