

Test Chapter 7 - Review

Name _____

- You will be given 2 take home questions: due when you hand in your test
- You will be permitted to use a graphing calculator for any section of the test

Sections

1. Solving a system using any appropriate technique (substitution, elimination, matrices...)
2. Simple matching with the words: “consistent, inconsistent, dependent, independent”
3. **General Matrix Concepts:** basic multiplying, determinants etc AND **In Search of “x”:** review any notes, handouts, as
4. Producing a shaded region graph for a system of inequalities (including corner points)
5. Application: 1 problem exactly like the airplane / wind speed situation; 1 parabola application problem using $y = ax^2 + bx + c$
6. Linear Programming: A *fill in the blank style* problem, using the 6 steps discussed in class; very similar to AC Phone Company problem

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