

What do you think will be on the test?

Show zero, one, or infinite solutions graphically

Solve by Graphing

Show zero, one, or infinite solutions algebraically

Solve by Substitution

Solve by Elimination

Verify a Solution

Solve a System using Fractions

Solve a Word Problem Using a System of Equations

dvt
geometry
% mixture

Determine a System of Equations from a Word Problem

Feb 25-8:33 AM

Test # 1: Linear Systems of Equations

For the test, you should be able to:

1. Determine the way in which two lines intersect without solving the system of equations.
↑
↓ (zero, one, or infinite solutions)
2. Write or draw a system of equations such that it has no solution, exactly one solution, or infinitely many solutions.
3. Solve a linear system by graphing, substitution and elimination.
4. Verify your solution (show $LS = RS$).
formal check
5. Apply linear systems to solve problems involving dvt, %, mixtures, money, and geometry.

Feb 22 - 3:43 PM

Expect one question to:

- graph
- eliminate
- sub
- fractions

Verify solution

Set up 3 word problems

Solve 1 word problem

Feb 25-8:30 AM

Review for Test:

Worksheet on Linear Systems

- do at least one of each type

Word Problems:

p. 123 # 6, 7

p. 128 # 18, 20

p. 131 # 23, 24, 25

p. 137 # 5, 6

Feb 22 - 4:01 PM