

Daily Agenda

Learning Target: I can solve a system of equations in three variables.

Homework	Assessments
2.1-2.2 Worksheet	2.1 to 2.2 Quiz - 9/23 Calc and No Calc

Life is what you make it. Always has been, always will be.
-Eleanor Roosevelt

Nov 15-8:24 PM

<p>2.1 Formative</p> <ol style="list-style-type: none"> 1) (-1, -7) 2) (3, 2) 3) $(\frac{13}{3}, \frac{19}{9})$ 4) $(\frac{1}{4}, \frac{5}{3})$ 5) no sol; inconsistent 6) infinite sol; dependent 	<p>2.2 Formative</p> <ol style="list-style-type: none"> 1) (3, -2, 1) 2) $(3, \frac{5}{2}, 1)$
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Sep 21-10:50 AM

4. $2(\frac{2}{x} - \frac{10}{y}) = 5$

$$\frac{3}{x} + \frac{10}{y} = 18$$

$$\frac{4}{x} - \frac{10}{y} = 10$$

$$\frac{7}{x} = \frac{28}{1}$$

$$\frac{28x}{28} = \frac{28}{28} \quad x = 1$$

$$\frac{3}{(\frac{1}{4})} + \frac{10}{y} = 18$$

$$12 + \frac{10}{y} = 18$$

$$\frac{10}{y} = 6$$

$$6y = 10 \quad y = \frac{10}{6} = \frac{5}{3}$$

Sep 21-10:58 AM

7. $(3y = 6x - 12) \div 3$

$$(-5y = -10x - 20) \div -5$$

$$y = 2x - 4$$

$$y = 2x + 4$$

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Sep 21-11:02 AM

$$6x - 3y = 12$$

$$10x - 5y = -20$$

Sep 21-11:03 AM

SWE at the University of Illinois presents

Engineering Round Robin

2016 Society of Women Engineers

CHECK-IN STARTS AT 9:30AM

FOR MIDDLE AND HIGH SCHOOL GIRLS!

Do you like engineering? Do you want to learn more about the different fields within it? Do you want the chance to meet other girls who share your interests? This is the perfect event for you, and we'd love to have you join us! There will be fun engineering activities, a student panel where you can ask all of your questions, and free lunch!

Sign up at societyofwomensengineers.illinois.edu/upcoming-events/ and don't forget to pay the \$5 participation fee!

WHEN: 9:30am - 5pm October 8
WHERE: Siebel Center
201 N Goodwin Ave, Urbana, 6801

Sep 21-8:40 AM

With your table, solve the system using augmented matrices

$$3v-5w+2x+4y+z=35$$

$$2v+4w-x-3y+6z=-16$$

$$4v-2w-3x+y+2z=18$$

$$-5v+w+4x-y-3z=-18$$

$$-2v+5w+6x-2y+z=-19$$



Sep 15-10:44 PM

$$3. \begin{cases} (24x - 56y = 72) \div 8 \\ (15x - 35y = -45) \div 5 \end{cases}$$

$$3x - 7y = 9$$

$$3x - 7y = -9$$

Sep 21-11:16 AM