

**Daily Agenda**

Learning Target: I can sketch the solution set to a system of linear inequalities.

<p><b>Homework</b></p> <p>2.3 Formative find intersections</p>	<p><b>Assessments</b></p> <p>2.1 to 2.2 Quiz - 9/23 Unit 2 Test - 9/30 Calc and No Calc</p>
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What could we accomplish if we knew we could not fail?  
-Eleanor Roosevelt

Nov 15-8:24 PM

9.

$X = \$$  in savings  
 $y = \$$  in time deposit  
 $Z = \$$  in bond

①  $X + y + Z = 42,000$   
②  $.05X + .07y + .09Z = 2600$   
③  $.05X - .07y - .09Z = -200$

$.05X = .07y + .09Z = 200$

Sep 22-11:24 AM

**2.3 Systems of Linear Inequalities**

- $y < x + 2$      $0 < 0 + 2$
- $y \geq -1$      $0 \geq -1$
- $x < 5$      $0 < 5$

$<, >$  dashed  
 $\leq, \geq$  solid

Sep 15-10:27 PM

- $x + 4y < 8$
- $2x - y \geq -2$

$x$ -int:  $(8, 0)$      $y$ -int:  $(0, 2)$   
 $(-1, 0)$      $(0, 2)$

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