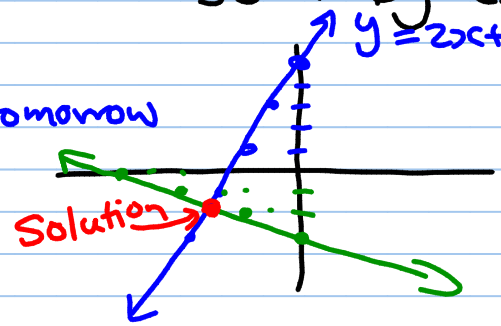
Systems of Equations

→ is when you are trying to find a solution that works in more than one equation at once

Linear Systems in Gr 10:

$y = 2x + 5$
$y = -\frac{1}{2}x - 3$

① Method 1 was solve by Graphing:

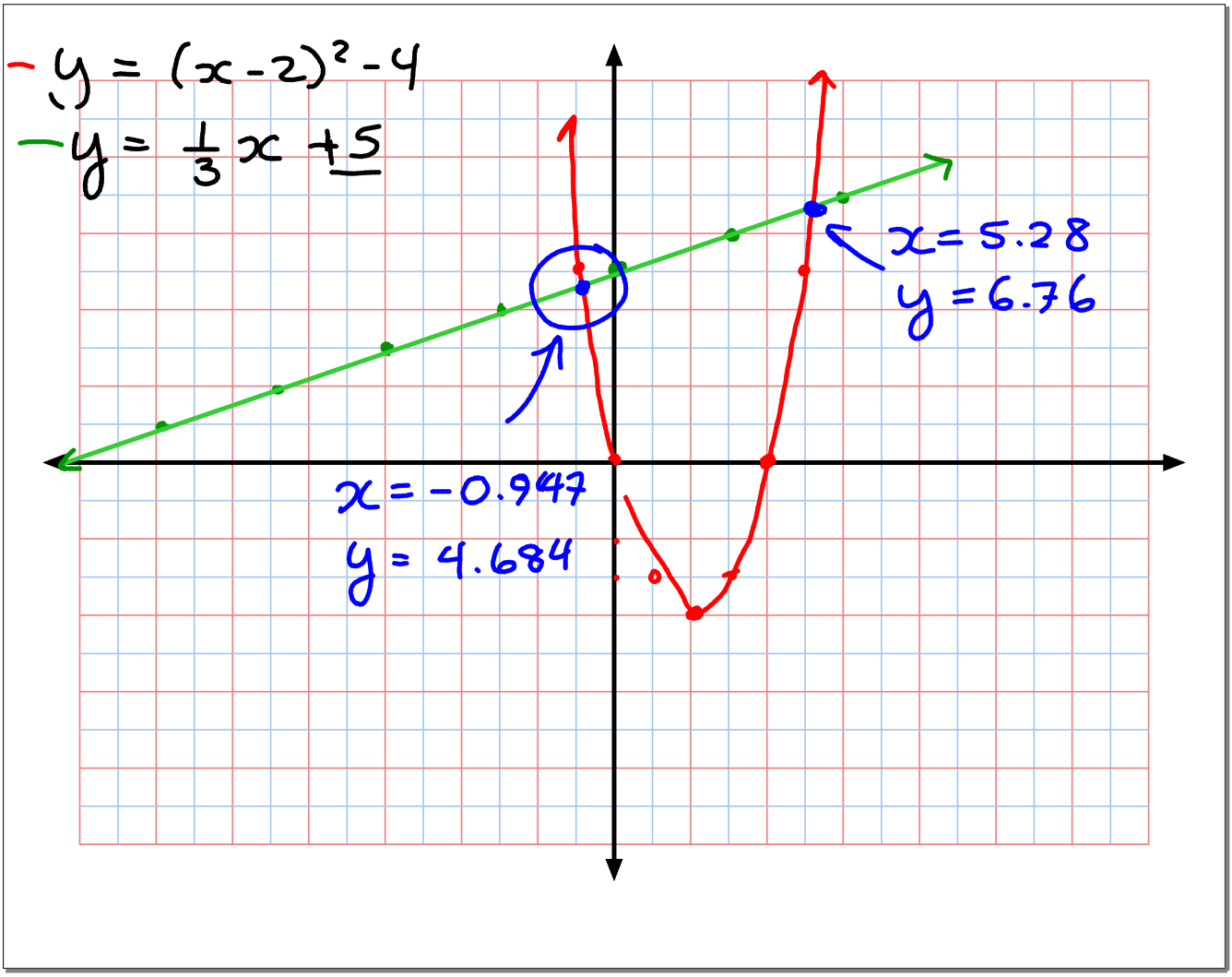


- Substitution } tomorrow
- Elimination }

In grade 11:

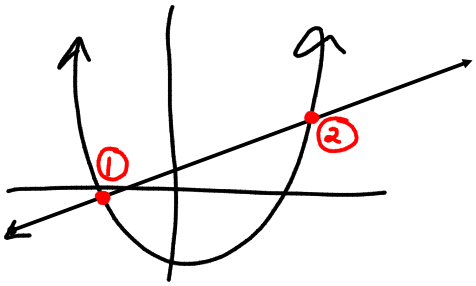
$y = (x-2)^2 - 4$

$y = \frac{1}{3}x + 5$

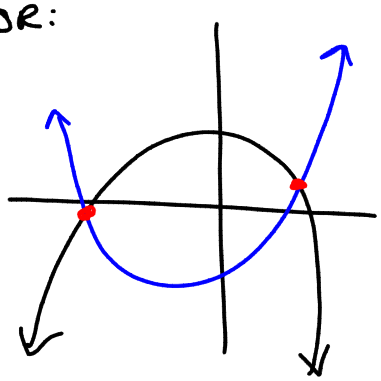

$y = (x-2)^2 - 4$
$y = \frac{1}{3}x + 5$
$x = 5.28$
$y = 6.76$
$x = -0.947$
$y = 4.684$

Types of Solutions

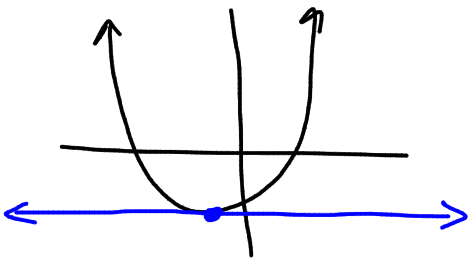
① 2 solutions:

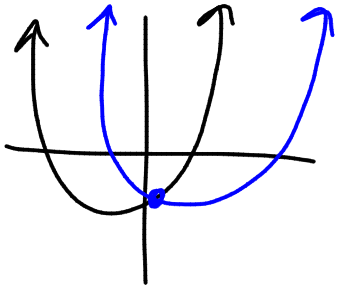


OR:

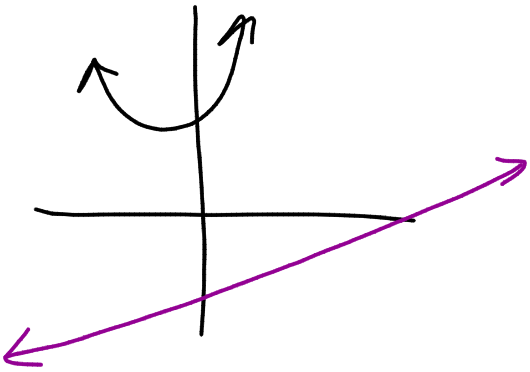


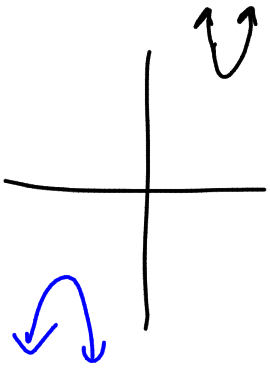
② 1 Solution



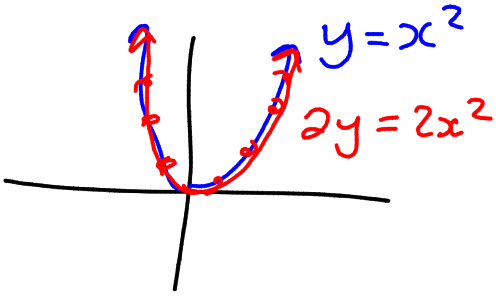


③ No Solution





④ Infinite:



Assignment:

8.1 pg. 435 #1-6, 8