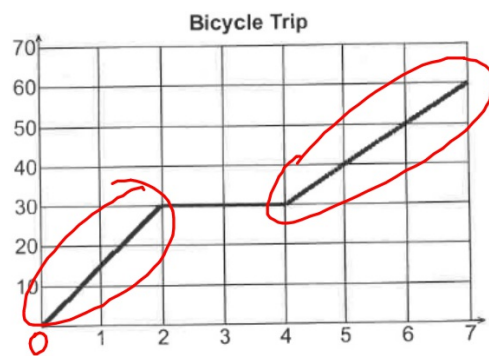


Monday 12/2

Identify for which values of x is the function increasing.

$$0 \leq x \leq 2$$

$$4 \leq x \leq 7$$



Tutorials for Retesting!

Tuesday - 12/3 - 8 to 8:30 AM

Tuesday - 12/3 - 4:10 to 5 PM

Thursday - 12/5 - 8 to 8:30 AM

Thursday - 12/5 - 4:10 to 5 PM

Friday - 12/6 - 8 to 8:30 AM

2nd - 64.72%

4th - 63.58%

7th - 66.74%

UNIT

7

TITLE:

**Solving Systems
of Equations**

Page #	Page Title

Solving Systems by Graphing!

1. Convert to slope intercept form
2. Graph equation 1
3. Graph equation 2
4. Find intersection



3 types of solutions

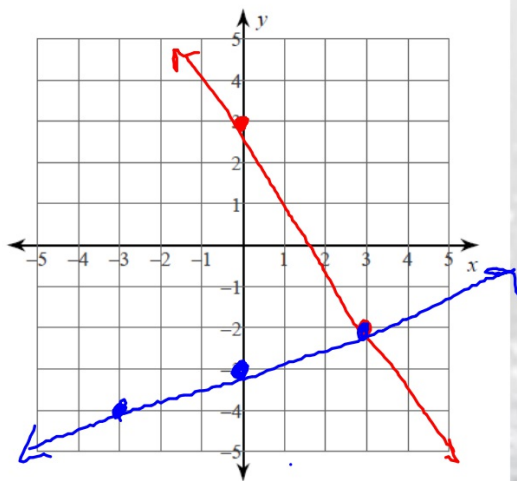
1 - one solution (in the form of a coordinate point)

2 - No Solution

3 - Infinite Solutions

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

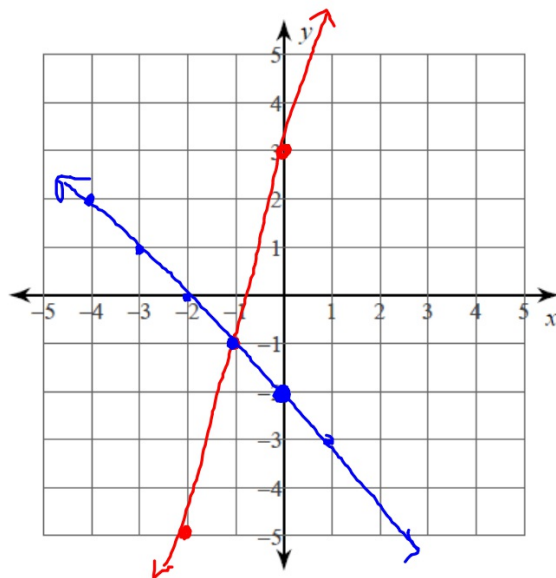
$y = \frac{1}{3}x - 3$



Solution
(3, -2)

2) • $y = 4x + 3$

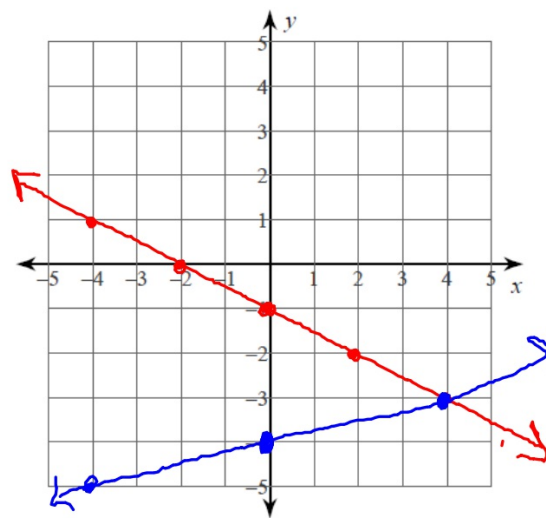
• $y = -x - 2$



Solution
 $(-1, -1)$

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

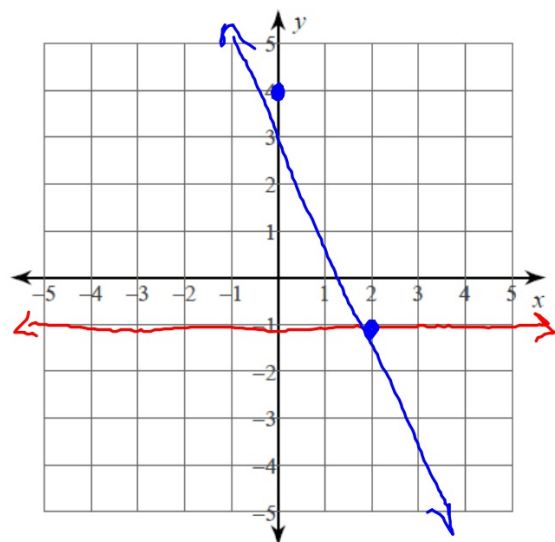
$y = \frac{1}{4}x - 4$



Solution
(4, -3)

4) • $y = -1$ ← horizontal

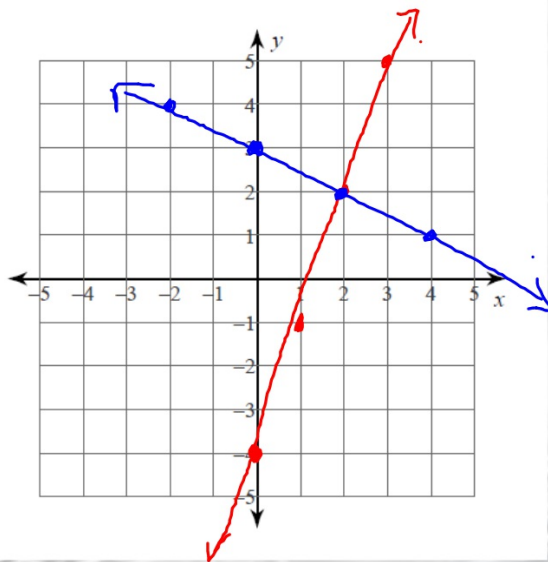
• $y = -\frac{5}{2}x + 4$



Solution
 $(2, -1)$

5) • $y = 3x - 4$

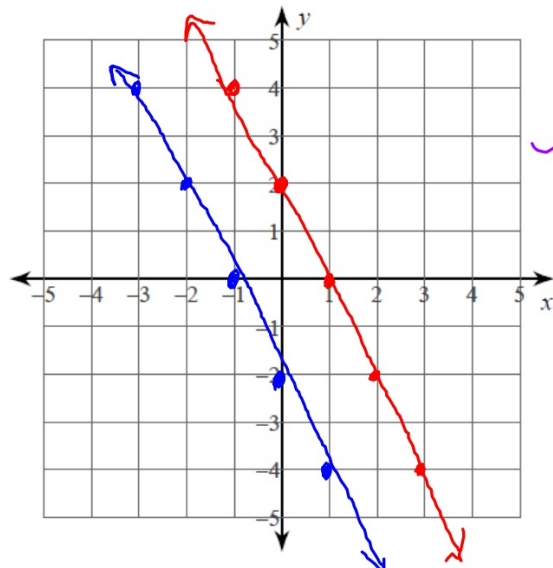
• $y = -\frac{1}{2}x + 3$



Solution
(2, 2)

6) • $y = -2x + 2$

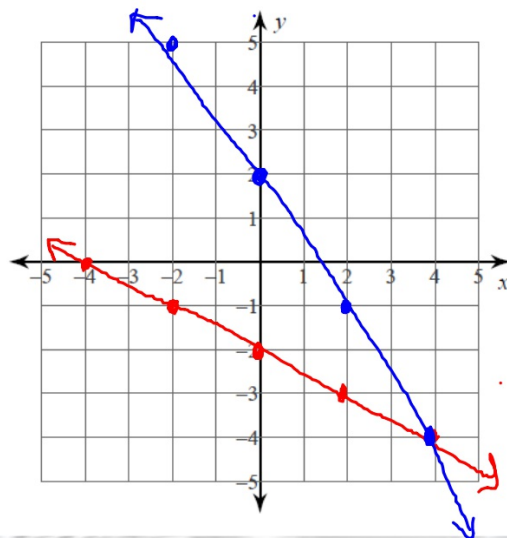
• $y = -2x - 2$



No Solution

7) $y = -\frac{1}{2}x - 2$

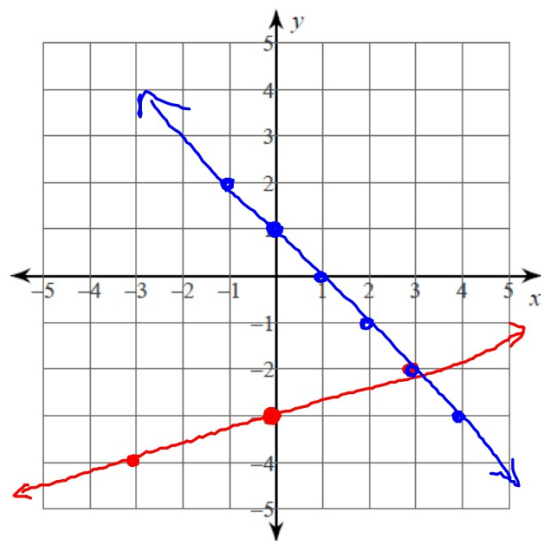
$y = -\frac{3}{2}x + 2$



Solution
(4, -4)

8) • $y = \frac{1}{3}x - 3$

• $y = -x + 1$



Solution
(3, -2)