Week 5 Assignment   Name_____
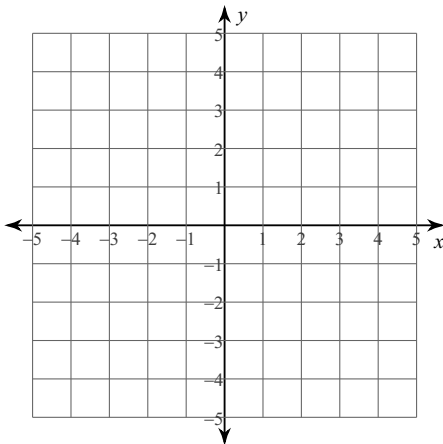
Practice Quiz - Just Getting It

SYSTEMS OF EQUATIONS: Choose 2 problems to solve from problems #1-3. You may use any method (subsitution, graphing or elimination) you would like.

1) $y = x + 7$
$y = -3x - 5$

If you choose #2, you can use the graph below to help you solve.

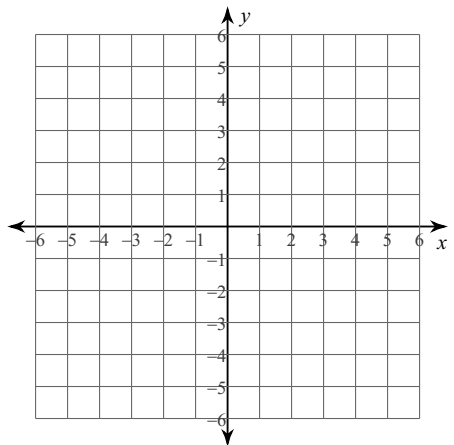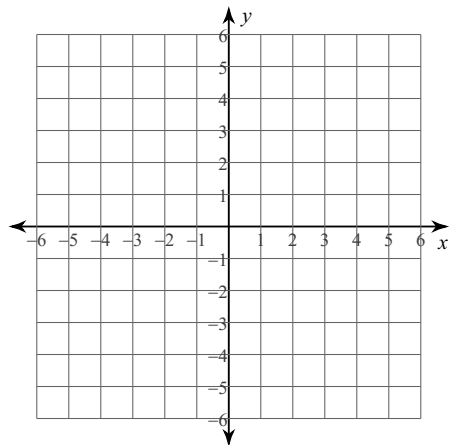2) $y = \dfrac{1}{2}x - 2$
$y = 2x + 1$

#3

3) $2x - 2y = 4$
$5x + 2y = 10$

GRAPHING INEQUALITIES - Choose 2 inequalities to graph from problems #4-6. Shade the solution area. Remember to make a dotted or solid line.
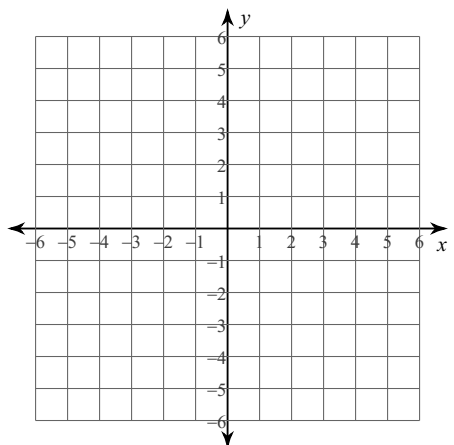
4) $y > -\dfrac{1}{5}x + 2$

5) $y \le \dfrac{5}{2}x - 5$

6) $y > 2x - 3$

7)

High Tech High is selling tickets to the spring play. On the first day of ticket sales the school sold 2 adult tickets and 3 child tickets for a total of $40. The school took in $68 on the second day by selling 4 adult tickets and 3 child tickets. What is the price each of one adult ticket and one child ticket?

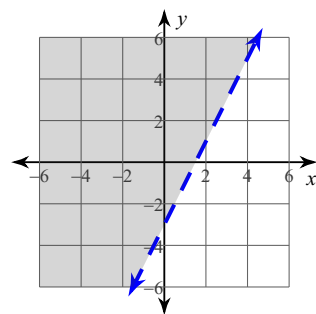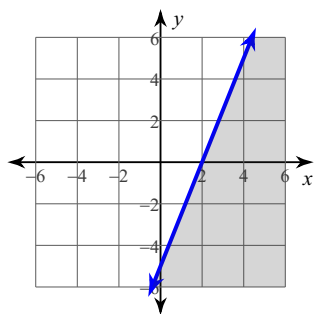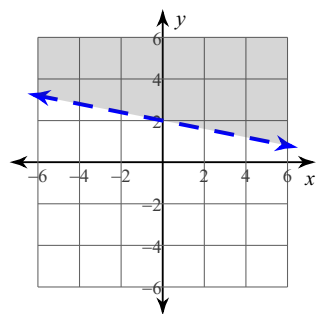# Answers to Practice Quiz - Just Getting It

1) $(-3, 4)$ 2) $(-2, -3)$ 3) $(2, 0)$

4)

5)

6)

7) adult ticket: $14, child ticket: $4