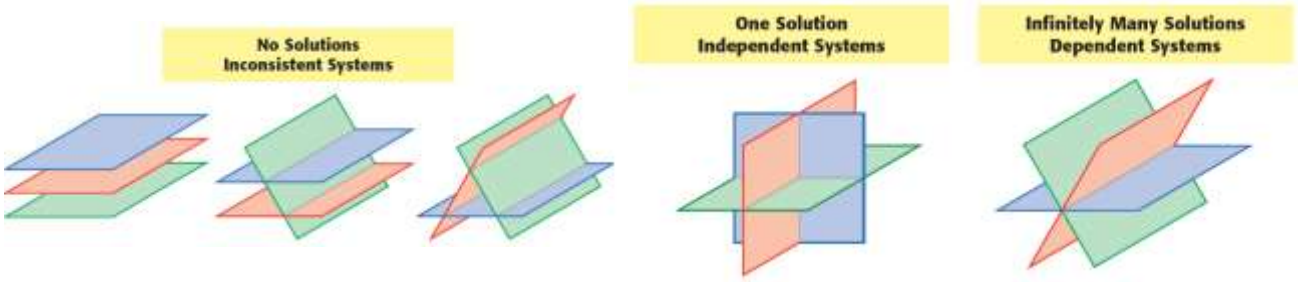
Systems Review for Quiz

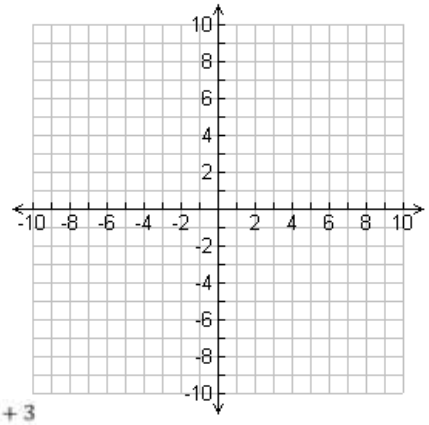
1. Write a system and solve:

A florist is making **5** identical bridesmaid bouquets for a wedding. She has **$610** to spend (including tax) and wants **24** flowers for each bouquet. Roses cost **$6** each, tulips cost **$4** each, and lilies cost **$3** each. She wants to have twice as many roses as the other **2** flowers combined in each bouquet. How many roses, tulips, and lilies are in each bouquet?

2. Study :



3. Solve the Linear-Quadratic System by Graphing and by Substitution. $\begin{cases} y = x^2 - 2x + 2 \\ y = 2x - 2 \end{cases}$



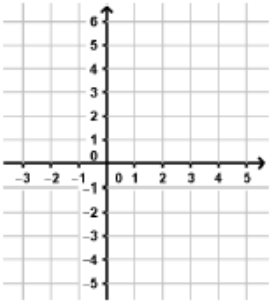
4. Graph and shade the solutions:

$y > x^2 - 2x - 3$

vertex: (___, ___)
y-intercept: (0, ____)
2 other points:
(-2, ___) (4, ___)

$y \leq x(x-2)$

x-int: (___, 0),(___, 0)
vertex: (___, ___)
2 other points:
(3, ___) (-1, ___)



$y \leq (x+2)^2$

vertex: (___, ___)
y-intercept: (0, ____)
2 other points:
(-5, ___) (1, ___)

$y > \frac{1}{2}x + 3$

slope:
y-intercept: (0, ___)