SYSTEMS OF EQUATIONS
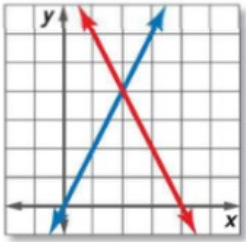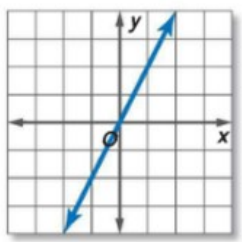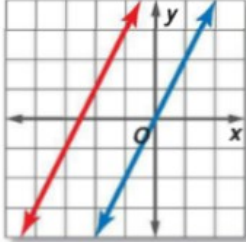
SYSTEM: <u>Two or More Equations</u>

SOLUTION: <u>Ordered Pair</u>
<u>@ intersection.</u>

Solving Equations by Graphing

Graph			
Number of Solutions	ONE	Infinite	None
Case	Intersect	Same Line	Parallel

Aug 22-1:07 PM

CONSITENT vs. INCONSISTENT

CONSISTENT = $\underline{Solution\ Present}$

INCONSISTENT: = $\underline{No\ Solution\ Present}$

EXAMPLE #1

Solve by Graphing

y = 2x + 1

y = -3x - 4

$(-1, -1)$

Consistent