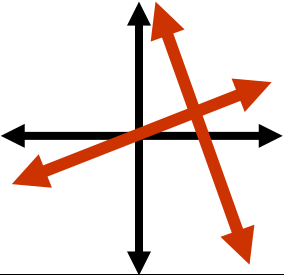
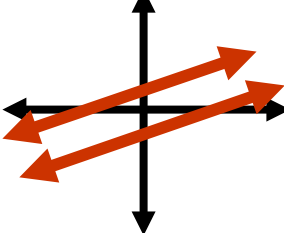
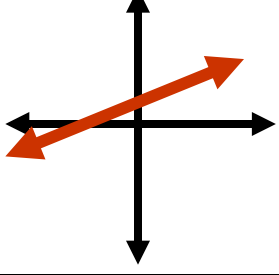


Special Systems

One Solution	No Solution	Infinite Solutions
		
Cross once	Parallel Lines	Same Line
$y = -x + 4$ $y = 3x + 4$	$y = 2x + 2$ $y = 2x + 5$	$y = 2x + 1$ $y = 2x + 1$
(3,1)	$0 = -3$	$0 = 0$

Solve each system and check if possible

Ex1) $3x + 2y = 10$

$$3x + 2y = 2$$

Ex2) $5x + y = -2$

$$-10x - 2y = 4$$

Ex3) $2x + 3y = 6$

$$4x - 3y = -6$$