



## Solving Systems Using Elimination

\* Change one or both equations to zero out x or y

$$* \quad 3 + 4 = 7$$

$$\quad \underline{+ 6 + (-4) = 2}$$

$$\quad 9 + 0 = 9$$

Solve each system and check

$$\text{Ex1) } 2x + 3y = 11$$

$$-2x + 5y = 13$$

$$\text{Ex2) } 2x - 3y = -8$$

$$4x + 3y = 20$$

$$\text{Ex3) } 8x - 4y = -4$$

$$3x - 4y = -14$$

$$\text{Ex4) } 3x + 4y = -6 \text{ and } 2y = 3x + 6$$

$$\text{Ex5) } 2x - y = 2$$

$$6x - y = -2$$

$$\text{Ex6) } 4x + 5y = 35$$

$$-3x + 2y = -9$$