$$3x + 2y = 7$$

$$4x + 2y = 5$$

$$7x = 12$$

$$\Rightarrow if signs are opposite, ADD$$

$$3x+2y=7$$
 $-4x+2y=5$
 $-x=2$
 \Rightarrow if signs are the same, subtract!

Solution	When to	Example	"Keys" to solving
Graphing	When both eg's are in y=mx+b and easy tograph a curately	y=2x+3 y=5x=5 y=5x+5	· Accurately graph lines · Accurate estimate of point of intersection
Substitution	when one eq. is in "x = " or "y="	y=3x-5 y=3x-5 3x-5y=2	Substitute one eg. Into the other, find a # Substitute the # back into either eg. and solve for the other var.
Elimination (Adding/Subtracting)	when both eg.'s are lined up in columns, AND ONE variable has the same coefficient in both equations	7x+2y=5 7x=7y+5 7x-7y=3	ADD when signs of coeff. Are opposite SUBTRACT AME