**Solving Equations with an Unknown on Both Sides GREEN**

Solve the following equations:

$8a+2=4a+10$ $14b+4=5b+31$

$5c+6=2c+45$ $12d+4=5d+60$

$5e-2=2e+7$ $8f-14=3f+46$

$-5g-13=2g+15$ $6h-10=-4h-6$

$7i-20=2i-10$ $-16j-14=9j-9$

**Solving Equations with an Unknown on Both Sides AMBER**

Solve the following equations. Start by eliminating the smallest unknown!

$8a+2=4a+10$ $14b+4=5b+31$

$5c+6=2c+45$ $12d+4=5d+60$

$5e-2=2e+7$ $8f-14=3f+46$

$-5g$ $-13=2g+15$ $6h-10=$ $-4h$ $-6$

$7i-20=2i-10$ $-16j$ $-14=9j-9$

**Solving Equations with an Unknown on Both Sides RED**

Solve the following equations. Start by eliminating the smallest unknown!

$8a+2=4a+10$ $14b+4=5b+31$

$-4a$ $-4a$ $-5b$ $-5b$

$4a+2=10$

$5c+6=2c+45$ $12d+4=5d+60$

$-2c$ $-2c$

$5e-2=2e+7$ $8f-14=3f+46$

$-5g$ $-13=2g+15$ $6h-10=$ $-4h$ $-6$

$+5g$ $+5g$

$7i-20=2i-10$ $-16j$ $-14=9j-9$