Key Words in Two-Step Word Problems

$\pm$

- combine
- together
- add
- increase
- decreased
- more
- less
- remain
- plus
- minus
- sum
- difference
- both
- larger
- in addition to
- buy/spend

$\times$

- Of
- By
- At
- For Each
- Per
- Times
- Product

$=$

- Total
- Altogether
- Ended
- If _____,
- *Finalizing Statements*

Example

$ax + b = c$

242 ^{d}students went on a field trip. Four $^{\times}$buses each were filled with ^{d}students and 18 ^{d}students traveled in cars. How many ^{d}students were in each bus?

$4d + 18 = 242$

Example

$b - ax = c$

Perry won $^{+}$125 lollipops ~~playing hoops at his school's game night~~. Later, he gave $^{-}$four to each $^{\times}$of his ^{f}friends. He only $^{=}$has 9 remaining. How many ^{f}friends does he have?

$125 - 4f = 9$

Example

$\frac{1}{a}x + b = c$

Mary spent $^{\times}$half of her ^{w}weekly allowance playing arcade games. To earn $^{+}$more money her parents let her clean the oven for $10. What is her ^{w}weekly allowance if she $^{=}$ended with $14?

$\frac{1}{2}w + 10 = 14$

Example

$a(x + b) = c$

Emily wanted to make cards by cutting pieces of paper $^{\times}$in half. Before starting she got $^{+}$six more ^{p}pieces to use. When she was $^{=}$done she had 28 half-pieces of paper. With how many ^{p}pieces did she start?

$2(p + 6) = 28$

Example

$\frac{(x+b)}{a} = c$

Huong $^{+}$bought $^{+}$ten more ^{h}hats for her collection. A week later $^{\times}$half of all her hats were $^{-}$lost during a move. There are now $^{=}$only 25 hats left. With how ^{h}many did she start?

$\frac{(h+10)}{2} = 25$