

10.2 Notes: Solving Two Step Equations



What steps do you think you would need to do to turn 5x + 2 back into an x ?

G D subtract

(2) Livide by S

5x+2-2 = 5x + 0



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Practice:

What steps are needed to turn each of the following back into x?







What steps were done to turn one line into the next line?

How would you go backwards and turn the last line back into the first line? Examples: Solve each equation in two steps using reverse BEDMAS -

was done.



"undo" what



Anna is holding a dance, and charges everybody \$5, except for Alvin, who gets a discount and is only charged \$2. If she collected \$88, how many people (other than Alvin) attended the dance? Make up an equation and solve, showing all work.

LET P BE THE NUMBER OF PERPLE (OTHER THAN ALVIN) WHO
"THEREFORE" ATTENDED THE DANCE

$$3^{\circ}$$
 Sp IS THE NUMBER OF DULLARS COLLERTED MOM
ATTENDEES (OTHER THAN ALVIN)
 $5p + 2 = 87$
 $-2 - 2$
 $5p = 85$
 $5 = 5$
 $p = 17$