2.3 Solving Two-Step Equations

Undo the operations in reverse order... in other words, work backwards.

- Combine like terms, if possible.
- Undo addition/subtraction.
- Undo multiplication/division.

Solve.



Solve.



Solve.





9. The output of a function (5)5 more than -2 times the input. Find the input when the output is 11. y = -2x + 5 1 = -2x + 5 -5-5 11. Define a variable, write an equation, & solve.





12. Define a variable, write an equation, & solve.

A skate park charges \$7 per session to skate and \$4 per session to rent safety equipment. Jared rents safety equipment every time he skates. During the summer, he spends \$99 for skating charges and equipment rentals. How many times did he pay to skate at the park?

Let X = # of visits to skate park $7x + 4x \neq 99$ $11x \neq 99$ $11x \neq 99$ $11x \neq 99$ $11x \neq 99$ $11x \neq 99$