Literal Equations

* Always consider Order of Operations
* Use inverse operation to isolate the wanted variable on one side of the equation or inequality.
* A strategy is to substitute numbers for unwanted variables to recognize the next steps to take.

Solve for q. p(q + r) = 1

q + r =

-r -r

q = – r

nx = 4j – 5x

+5x + 5x

x(n + 5) = 4j

x =

r =

r(g + s) = gs

-gs -gs

rg + rs – gs = 0

-rs -rs

rg – gs = -rs

g(r – s) = -rs

g =