

Solve for the letter x in the equation $x+y+z=d$

- 1) On the left side of the equation, what's the operation being applied to the y and z ? addition
- 2) What's the inverse of addition? subtraction
- 3) Subtract y and z from the left and place them on the right side of the equation.
$$x+y+z-y-z=d-y-z$$
- 4) Because $y-y$ is 0 and $z-z$ is also zero, on the left side of the equation we have only x left.
$$x=d-y-z$$