Literal Equations Exploration

# Solve each equation for *x*.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | Explain each step to isolate x |  |
|  | Were you able to simplify like terms? If so, which ones? |  |
|  | Give the solution in terms of |  |

What would equation 2 equal if and ?

# Solve each equation for *x*.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | Explain each step to isolate x |  |
|  | Were you able to simplify like terms? If so, which ones? |  |
|  | Give the solution in terms of |  |

What would equation 4 equal if and ?

What do you notice between the equations with just one variable and the equations with four variables?