

Full Name: _____ Date: _____

Literal Equations

Solving literal equations

Phrase	Definition
Literal equations	<ul style="list-style-type: none">Literal equations are equations with multiple _____.Usually asked to solve for JUST ONE variable of the variables.

How to solve LITERAL EQUATIONS:

Step 1: Locate the _____ you are asked to solve for in the equation.

Step 2: Identify the _____ on this variable and the order in which they are applied.

Step 3: Use _____ operations to undo operations and isolate the variable.

Example 1: Solve $A = bh$ for h .

Example 2: Solve $y = c + x$ for x .

solution:

Example 3: Solve $\frac{f+g}{3}$ for g .

solution:

Example 4: Solve $u = 3b - 2a + 3$ for a .

solution:

solution:

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DO NOW!

Solve $g = xc$ for x .

solution:

Solve $12ab = 4$ for a .

solution:

Solve $qm = n + p$ for q .

solution:

Solve $g = x - c + y$ for x .

solution:

Solve $xm = x + z$ for x .

solution:

Solve $g = ca - b$ for a .

solution:

Solve $A = bh$ for b .

solution:

Solve $P = 2l + 2w$ for w .

solution:

Solve $Q = \frac{c + d}{2}$ for d

solution:

Solve $Q = 3a + 5ac$ for a .

solution:

Solve $l = \frac{PN}{RN + A}$ for N .

solution:

Solve $P = a + b + c$ for b .

solution: