

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 4A.2 - More Solving Literal Equations & Formulas

1. The formula to find the perimeter of a rectangle is $P = 2l + 2w$. Use this formula to find the width of a rectangle with perimeter 76 and length 28. Show your work.	2. Solve the formula $P = 2l + 2w$ for w .	3. Use the new version of the formula you found in problem #2 to find the width of a rectangle with perimeter 76 and length 28. Show your work.
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#4-9, Solve each equation for the indicated variable.

4. $p = 2(4r - 5s)$, for r	5. $V = \frac{1}{2}\pi r^2 h$, for h	6. $ad + 4c = -8c + 7$, for d
7. $\frac{-n}{c} - 5 = d$, for n	8. $\frac{3w}{2} + q - \frac{w}{3} = w + 4q$, for w	9. $A = \frac{1}{2}h(b_1 + b_2)$, for b_2