

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

**WS 4A.1 - Solving Literal Equations & Formulas**

1. The formula to find the area of a triangle is $A = \frac{bh}{2}$ . Use this formula to find the base of a triangle with area 42 and height 7. Show your work.	2. Solve the formula $A = \frac{bh}{2}$ for b.	3. Use the new version of the formula you found in problem #2 to find the base of a triangle with area 42 and height 7. Show your work.
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#4-9, Solve each equation for the indicated variable.

4. $y = mx + b$ , for $m$	5. $2q + 3r = m$ , for $r$	6. $7a - 7b = p + 3a$ , for $a$
7. $\frac{k}{j} + h = t$ , for $k$	8. $\frac{k + h}{j} = t$ , for $k$	9. $3m - n = 5m + 4$ , for $n$