# Algebra I <br> 3-8 <br> Transforming Formulas 

> Literal Equation- an equation with no numbers, only variables

Solve the given formula for the variable shown in color.

4) $A=\frac{1}{2} b h ; b$
5) $C=\frac{m v^{2}}{r} ; r$
$2(A)=\left(\frac{1}{2} b h\right)_{2}$
$r(C)=\left(\frac{m v^{2}}{r}\right) r$
$\frac{2 A}{h}=\frac{b h}{h}$
$\frac{2 A}{h}=6$


Solve the literal equation for $x$. Then use this result to solve the next equation.
7) $\frac{x}{a}+b=c \quad ; \quad \frac{x}{4}+6=13$


| Assignment: |
| :---: |
| pg. 187 |
| $5,6,8,9$, |
| $12-26$ even, |
| $27,28,32-34$, |
| 36,37 |

