## Do-now: Turn in HW.







April 09, 2013





## SIMILARITY WITHIN RIGHT TRIANGLES



Find the value of x .


Find the value of $x$.


Find the value of $x$.

$$
\begin{aligned}
& 9 \frac{\text { longest } \operatorname{leg}}{\text { shortest log }} \\
& 9=\frac{9}{4} \\
& x^{2}=36 \\
& x=6
\end{aligned}
$$

Classwork:
On looseleaf (what you do not finish in class should be finished for HW) page 394-395 \#s 15-20, 49-51

$$
\underbrace{8+0}_{10} \frac{8}{10}=\frac{x}{8}
$$

