HW#1.

1) Fill in the blanks to evaluate the following expressions without a calculator.

	Product Property	Quotient Property	Change of Base	Power Property	Evaluate.
$\log(100)$	$\log(25)+$_____	_____ $-\log(3)$	$\dfrac{()}{()}$	$\log()^2 =$_____	

2) Solve the inequality.

$$\frac{\sqrt{x-7}}{3} + 4 > 9$$

3. Rewrite into graphing form by completing the square.

$y = 3x^2 + 12x - 17$