Assignment 5

Solve the following equations for the value (or values) of x:

$(x-1)(x-2)=0$

$\frac{8}{9}x-\left(-\frac{1}{9}\right)=0$

$x^2+10x+25$

$x^2+10x-2=27$

$x^3-6x^2+11x-6$ (Hint: is $x=1$ is one possible value. Can you use this to find the others? You'll learn more techniques to solve this later.)

$\sqrt{x}-9=0$

$x^2-9=0$

$(x^2-9)(x^2-25)=0$ (Hint: There are 4 different values of x that make this equal 0!)