Instructions for assignment: Quadratic Equations

Must be at least 250 words

* The first problem is 6x2-x-15=0; please use factoring to solve this problem, and please be sure to show all steps to factoring and solving. Show a check of the solution back into the original equation.
* The second problem is x2-2x-24=0; please use the Quadratic Formula to solve this problem. be sure that you use readable notation while you are working the computational steps. Refer to the Inserting Math Symbols handout for guidance with formatting.
* Present your final solutions as decimal approximations carried out to the third decimal place. Due to the nature of these solutions, no check is required.
* Incorporate the following four math vocabulary words into your discussion. Use **bold** font to emphasize the words in your writing. Do not write definitions for the words; use them appropriately in sentences describing your math work.
  + Quadratic formula
  + Factoring
  + Completing the square
  + Discriminant