Quiz #6 Name: Due Nov 13th @ the beginning of class

You may only use your textbook, your notes, and your calculator on these problems. You may not use any outside resources, including tutors or solution manuals. Remember that the purpose of these quizzes is to see if you understand what you have learned on your homework, and also to tell you what you still need to study for the upcoming exam. **(NOTE: this quiz is one-sided.)**

1. (2 points each) Convert the following:
2. Given and find the following:
   1. (2 points) The direction & magnitude of
   2. (1 point)
   3. (1 point)
3. (2 points) Given the picture of two vectors, draw in the resultant vector and explain in words what a resultant vector is and how to find it.

Vector 2

Vector 1