Math 253

Plot the graphs of the equations given below using suitable software. Paste the images into this document and send it to me at freedmanj@smccd.edu.

Name:

1. \( z = 3 \)  
2. \( z = x \)  
3. \( z = x + y \)  
4. \( z = x^2 \)

5. \( z = \sqrt{x} \)  
6. \( z = \sqrt{x + y} \)  
7. \( z = x^2 + y^2 \)  
8. \( z = \sqrt{x^2 + y^2} \)

9. \( z = x^2 - y^2 \)  
10. \( z = \frac{\sin(x^2 + y^2)}{x^2 + y^2} \)  
11. \( z = e^{-(x^2+y^2)} \)