

Name \_\_\_\_\_  
MAT 1275CO – Mr. Kan

Date \_\_\_\_\_  
Quadratic Formula and Distance

- 1) Watch this video on the quadratic formula: <https://youtu.be/8viDSY5pSCo>
- 2) What is the name of the process being used to create the quadratic formula?
  
- 3) Why does the quadratic formula have a  $\pm$  before the radical portion?
  
  
  
  
  
  
  
  
  
  
- 4) Watch this video: <https://youtu.be/Wpc9HV5lw4s>
- 5) State the distance formula:
  
  
  
  
  
  
  
  
  
  
- 6) Instead of  $a^2 + b^2 = c^2$ , how does Prof. Kan like to write the Pythagorean theorem?
  
  
  
  
  
  
  
  
  
  
- 7) Find the distance between the points (-5, -8) and (10, -3).