

Name:

Show all your work in order to receive maximum credit. No work, no credit.

1. Find the midpoint between the points (-1, 6) and (7, -4). [4 points]

2. Find the distance between the points (3, -2) and (-8, 10). [5 points]

3. Solve each equation. If possible, find all of the complex solutions. [5 points each]

$$x^2 - 8x + 15 = 0$$

$$x^2 - 2x + 6 = 0$$

$$8x^2 - 14x = 0$$