

Name _____

Date _____

Advanced Algebra

Unit 4 quadratics

Use the quadratic formula to solve the following. You will get all imaginary roots

1) $y = x^2 - 12x + 40$

2) $y = x^2 - 8x + 20$

3) $y = x^2 - 6x + 13$

4) $y = x^2 - 6x + 18$

5) $y = x^2 - 10x + 34$

6) $y = x^2 - 18x + 90$

7) $y = x^2 - 10x + 29$

8) $y = x^2 - 20x + 104$