Finding Complex Conjugates

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If one solution to a quadratic equation is imaginary, there is also another imaginary solution (out of the square root sign is going to come a positive and a negative imaginary number)

1. $√3i$ - 25

The other conjugate would be -25 - $√3i$

It is always the imaginary part of the complex equation that we take the opposite of

2. 5i + 12/5

Answer : -5i + 12/5 or 12/5 – 5i

3. -2 – 1.5i

Answer : -2 + 1.5i

4. i – 3

Answer : -3 - i

5. 3i – 4

Answer : -4 - 3i

6. 11i

 0 – 11i or -11i