

# Math 1513 - College Algebra

Quiz #4 - 2018.08.29

Name: \_\_\_\_\_

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1. Perform the following complex multiplication. Be sure to express your final answer in  $a + ib$  form:

$$(2 - 4i) \cdot (3 + 5i)$$

2. Express  $i^6$  as a complex number with no exponents.