

Written HW6 – MATH 1530 Fall 2020

**Due by 13 October for timely completion credit**

Write the expression in the “standard form”  $a + bi$ , where  $a$  and  $b$  are real numbers. Full credit will only be given if all work leading to the final answer is shown.

1.  $(3 - 2i) + (-4 + i)$

2.  $(5 + 5i) - (2 - 3i)$

3.  $(2 - i)(3 + i)$

4.  $\frac{-7 + i}{3 - 8i}$