

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

## Absolute Value and Argument

Sheet 1

A) Find the absolute value of each complex number.

1)  $-7 + 5i$

2)  $\sqrt{-15}$

3)  $2 + 3i$

4)  $9 - 4i$

5)  $2(2 + 4i)$

6)  $12$

7)  $3 + \frac{1}{2}i$

$13 + \sqrt{-7}$

B) Find the arg

1)  $2$

$\sqrt{3} + i$

4)  $2 - \sqrt{-4}$

5)  $-2\sqrt{3} - 2i$

6)  $\sqrt{-13}$

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