

# Absolute Value and Argument

A) Find the absolute value of each complex number.

1)  $11i$

2)  $7(1 + 2i)$

3)  $-\sqrt{2} - 8i$

4)  $4 + 5i$

5)  $0 + 2i$

6)  $\frac{1-i}{4}$

7)  $\frac{1}{2}(6 + 2i)$

$-7 - 6i$

B) Find the arg

1)  $-8(\sqrt{3} - i)$

$-\sqrt{3}i$

4)  $-\sqrt{3} - 3i$

5)  $\sqrt{6} - \sqrt{2}i$

6)  $-1 - \frac{i}{\sqrt{3}}$

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