

# Absolute Value and Argument

A) Find the absolute value of each complex number.

1)  $-3(2 - 5i)$

2)  $3\sqrt{3} + \sqrt{-1}$

3)  $5 - 5i$

4)  $\frac{8 - 3i}{4}$

5)  $4 + 7i$

6)  $9 - 11i$

7)  $2 + 9i$

$-13 - 2i$

B) Find the arg

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

$\sqrt{18} + \sqrt{-6}$

4)  $-6$

5)  $7\sqrt{2}\left(\frac{1-i}{2}\right)$

6)  $\frac{1}{2}(\sqrt{3} + i)$

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