

Absolute Value

Find the absolute value of each complex number.

1) $9i$

2) $4 - \sqrt{-49}$

3) $2(1 + 3i)$

4) $-8 - 4i$

$-5 + \sqrt{-16}$

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

-6

10) The absolute

value of a^2 ?

a) 12

d) 169

11) What is the absolute value of the complex number $(12 + 2i) - (3 + 3i)$?

a) $\sqrt{106}$

b) 9

c) $\sqrt{15}$

d) $\sqrt{82}$

12) If $(3, 4)$ represents a complex number z on the complex plane, then what is the absolute value of z ?

a) 5

b) $\sqrt{5}$

c) 25

d) 7

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