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[MTH210] The expression $\frac{1}{\tan^{-1} z}$, where $z = x + yi$ is a complex number is called
The argument of z

[MTH210] Consider the complex number $w = 4 + 9i$, the number 4 is called
Real part

[MTH210] Evaluate $z \cdot w$ if $z = 13 + 2i$ and $w = 5 + i$
 $8 + i$

[MTH210] Evaluate $(i^{12})^{i^2}$
-1

[MTH210] Consider the complex number $z = 7 - 19i$, the sum $\text{Re}(z) + \text{Im}(z)$ is
-12

[MTH210] If $\text{Arg}(z) = x$ and r are the argument and modulus of a complex number z , then the expression $r \cos x + i r \sin x$ is called
The polar form of z

[MTH210] In the complex number $z = 5 + 3i$ the number 3 is called
The imaginary part

[MTH210] The conjugate of the complex number $w = 7 - 4i$ is
 $7 + 4i$

[MTH210] As Venn diagram is for sets so also is _____ for complex numbers.
Argand diagram

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