

Mathematics 9th Class English Medium Unit 2 Online Test

Sr	Questions	Answers Choice
1	Real part in $-3i$ is:	A. 3 B. 0 C. -3 D. 1
2	Question Image	D. $Z + W$
3	If $Z_1 = a + bi$ and $Z_2 = c + di$ then $Z_1 \cdot Z_2 =$	A. $ac + bd$ B. $ac - bd$ C. $ac - bd + adi + bci$ D. multiplication is not possible
4	If $Z_1 = Z_2$ then $Z_2 = Z_1$ this property is known as _____ property:	A. Reflexive B. Symmetric C. Transitive D. Closure
5	If $Z = Z_2$ and $Z_2 = Z_3$ then $Z_1 = Z_3$ this property is known as _____ property:	A. Reflexive B. Symmetric C. Transitive D. Commutative
6	Conjugate of $-3i$ is:	A. 3 B. -3 C. $-3i$ D. $3i$
7	Conjugate of real number is:	A. Pure imaginary B. Real C. Complex D. None
8	Real part of $2ab(i + i^2)$ is:	A. 2ab B. $-2ab$ C. $2abi$ D. $-2abi$
9	The conjugate of $5 + 4i$ is	A. $-5 + 4i$ B. $-5 - 4i$ C. $5 - 4i$ D. $5 + 4i$
10	Every real number is also a complex number with imaginary part as _____	A. 1 B. b C. 0 D. 10
11	Question Image	A. $a = \text{Im}$ B. $a = \text{Re}(z)$ C. a = Natural number D. None of these
12	In $Z = a + bi$, a is called _____ part of Z.	A. Real B. Imaginary C. Whole D. None
13	Solution of $x^2 = -1$ in real numbers:	A. -1 B. +1 C. <span style='font-size: 11.0pt; mso-bidi-font-size: 28.0pt; line-height: 107%; font-family: "Calibri"; "sans-serif"; mso-ascii-theme-font: minor-latin; mso-fareast-font-family: "Times New Roman"; mso-bidi-theme-font: minor-bidi; mso-ansi-language: EN-US; mso-fareast-language: EN-US; mso-bidi-
language: EN-US;'>D. None

14 $a^m \cdot a^n = a^{m+n}$ is _____ law of exponents.

- A. Sum of powers
- B. Power of fraction
- C. Power of power
- D. Law of quotient

15 The real numbers are represented geometrically by points on _____,

- A. Plane
- B. Line
- C. Space
- D. None