

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Difficult and complicated calculation become easier by using:	A. Matrices B. Logarithms C. Triangles D. None of these
2	The first mathematician who gave the idea of algorithm was:	A. Henry Briggs B. John Napier C. Musa Al Khwarizmi D. Jobst Burgi
3	Real part in $-3i$ is:	A. 3 B. 0 C. -3 D. 1
4	Question Image	D. $Z + W$
5	If $Z_1 = a + bi$ and $Z_2 = c + di$ then $Z_1 \cdot Z_2 =$	A. $ac + bdi$ B. $ac - bd$ C. $ac - bd + adi + bci$ D. multiplication is not possible
6	If $Z_1 = Z_2$ then $Z_2 = Z_1$ this property is known as _____ property:	A. Reflexive B. Symmetric C. Transitive D. Closure
7	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
8	Conjugate of -3 is:	A. 3 B. -3 C. $-3i$ D. $3i$
9	Conjugate of real number is:	A. Pure imaginary B. Real C. Complex D. None
10	Real part of $2ab(i + i^2)$ is:	A. $2ab$ B. $-2ab$ C. $2abi$ D. $-2abi$
11	The conjugate of $5 + 4i$ is	A. $-5 + 4i$ B. $-5 - 4i$ C. $5 - 4i$ D. $5 + 4i$
12	Every real number is also a complex number with imaginary part as _____	A. 1 B. b C. 0 D. 10
13	Question Image	A. $a = \text{Im}$ B. $a = \text{Re}(z)$ C. $a = \text{Natural number}$ D. None of these
14	In $Z = a + bi$, a is called _____ part of Z .	A. Real B. Imaginary C. Whole D. None
		A. -1 B. +1 C.

Solution of $x^2 = -1$ in real numbers:

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D. Solution does not exist