

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	$a^m \cdot a^n = a^{m+n}$ is _____ law of exponents.	A. Sum of powers B. Power of fraction C. Power of power D. Law of quotient
2	The real numbers are represented geometrically by points on _____,	A. Plane B. Line C. Space D. None
3	Set of Rational numbers in set builder notation:	D. None of these
4	Set of Real numbers =	A. Q B. Q' C. Q <span style="font-size: 11.0pt; mso-bidi-font-size: 28.0pt; line-height: 107%; font-family: 'Times New Roman'; mso-fareast-theme-font: minor-latin; mso-fareast-font-family: 'Times New Roman'; mso-bidi-theme-font: minor-fareast; mso-hansi-theme-font: minor-latin; mso-bidi-theme-font: minor-latin; mso-ansi-language: EN-US; mso-fareast-language: EN-US; mso-bidi-language: AR-SA">"n</span> Q' D. QUQ'
5	Question Image	A. Transitive B. Multiplicative inverse C. Multiplicative identity D. None
6	Identify the property used in $x > y$ Or $x = y$ Or $x < y$ :	A. Symmetric B. Reflexive C. Irreducibility D. Transitive
7	$\forall a \in R \Rightarrow a = a$ is _____ property:	A. Reflexive B. Symmetric C. Transitive D. Additive property
8	There exists a unique real number 1, is called _____ in multiplication:	A. Multiplicative inverse B. Additive inverse C. Multiplicative identity D. Additive identity
9	Which of the following is closure property w.r.to multiplications:	A. $a + b \in R \forall a, b \in R$ B. $a, b \in R \forall a, b \in R$ C. $a + b = b + a \forall a, b \in R$ D. $a \cdot b = b \cdot a \forall a, b \in R$
10	$\forall a \in R \Rightarrow a + 0 = a = 0 + a$ , then 0 is called:	A. Multiplicative identity B. Additive identity C. Additive inverse D. Multiplicative inverse
11	Which of the following is associative property w.r.to addition:	A. $a + b = b + a$ B. $a(bc) = (ab)c$ C. $a + (b + c) = (a + b) + c$ D. None of these
12	$\forall a, b \in R, a + b = b + a$ is _____ Property of real numbers.	A. Closure property w.r.to '+' B. Closure property w.r.to 'x' C. Commutative property '+' D. Commutative property w.r.to 'x'
13	$AA^{-1} = \underline{\hspace{2cm}}$ :	A. A B. $A^{-1}$ C. I D. 0

14 Question Image A. Associative  
B. Distributive  
C. Commutative  
D. None

15 Question Image A. 9  
B. -6  
C. 6  
D. -9