

Mathematics 9th Class English Medium Unit 3 Online Test

Sr	Questions	Answers Choice
1	Point (-1,4) lies in which quadrant	A. I B. II C. III D. IV
2	Which one of them is a unary operation.	A. Subtraction B. Multiplication C. Negation D. Addition
3	Which of the following cannot be used as a binary operation	A. Division B. Square root C. Multiplication D. Addition
4	If set A has 3 elements and B has 4 then $A \times B$ haselements.	A. 4 B. 7 C. 3 D. 12
5	If $X = \{a, b, c\}$ then the number of elements in $X \times X$ are	A. 9 B. 12 C. 14 D. 16
6	The range of $R = \{(1,3), (2,2), (3,1), (4,4)\}$ is	A. $\{2,3,4\}$ B. $\{1,2,3\}$ C. $\{1,2,3,4\}$ D. $\{1,3,4\}$
7	Question Image	A. Distributive property of intersection over union B. De-Morgan's law C. Distributive property of union D. Distributive property of union over intersection
8	Question Image	A. Distributive property of union B. De-Morgan's law C. Distributive property of intersection over union D. Distributive property of union over intersection
9	Question Image	A. Associative property of intersection B. Associative property of Union C. Commutative property of intersection D. Commutative property of Union
10	Question Image	A. Commutative property of Union B. Associative property of Union C. Commutative property of intersection D. Commutative property of intersection
11	Question Image	A. Commutative property of Union B. Commutative property of intersection C. Associative property of union D. Associative property of intersection
12	$A \cup B = B \cup A$ is known as	A. Commutative property of union B. Commutative property of intersection C. Associative property of Union D. Associative property of Intersection
13	Which of them is the set of all elements that belong to both A and B.	A. Overlapping set B. Intersection of two sets C. Union of two sets D. Disjoint set

14 Venn diagram is useful only in case of.

- A. Universal set
- B. Subsets
- C. Abstract sets
- D. Concrete sets

15 If the intersection of two sets is non-empty but neither is a subset of the other, the sets are calledsets.

- A. Complement
- B. Overlapping
- C. Difference
- D. Disjoint