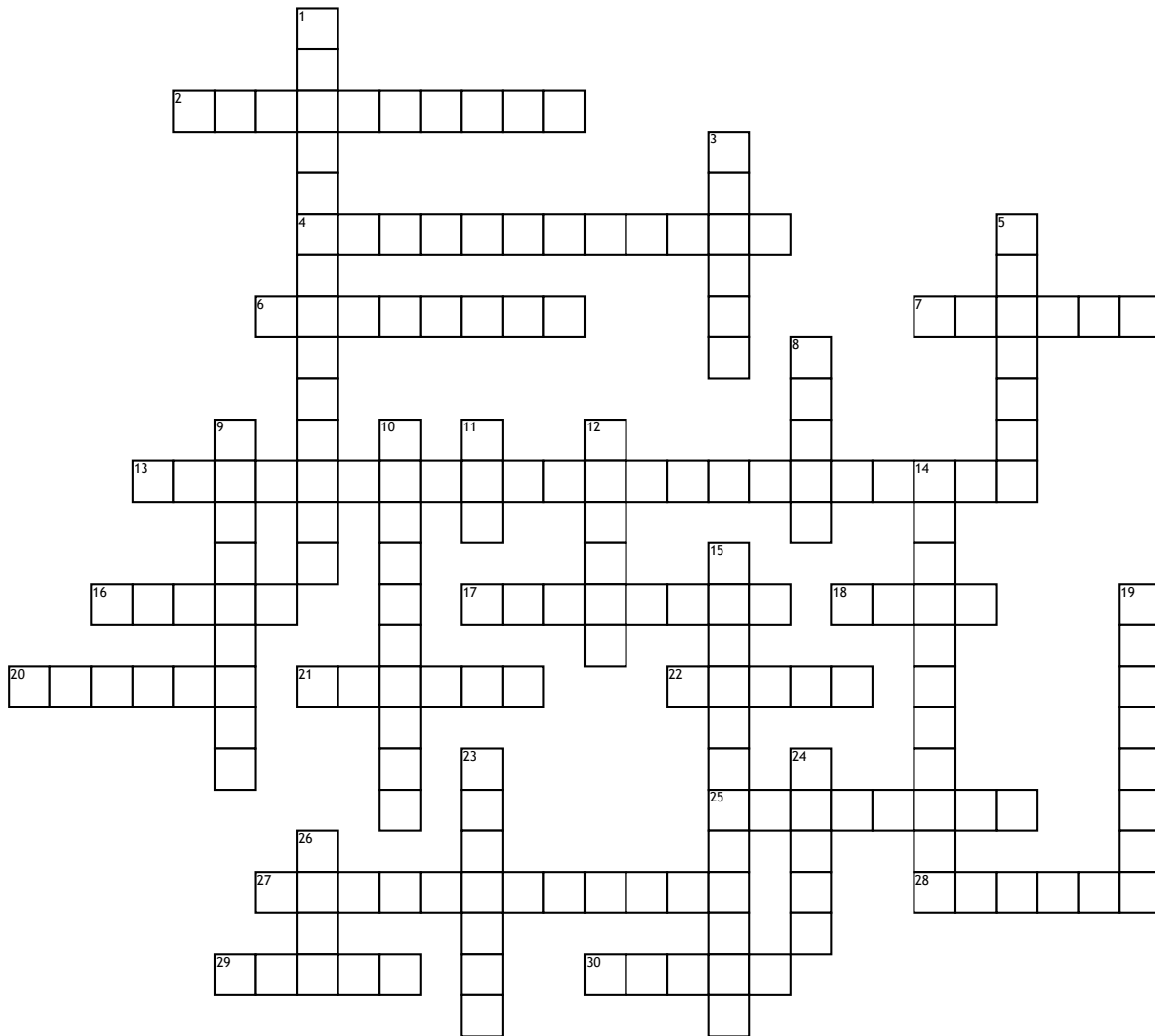


Mathematical Crossword



Across

- 2. In _____ all the elements of a set are listed
- 4. The _____ of A and B is the set which consists of all common elements from both A and B
- 6. $f: R \text{ to } R \text{ by } y=f(x)=x$ for each case x element of R , Such a function is called _____ function
- 7. Point of rotation is called _____
- 13. Equations involving trigonometric functions of a variable is called _____
- 16. _____ is a measure of rotation of a given ray about its initial point
- 17. A set which does not contain any elements is _____
- 18. (a,b) is an example of _____ set
- 20. A set A is said to be a _____ of B if every element of A is also an element of B
- 21. The set of all first elements of ordered pairs in a relation R from a set A to a set B is called the _____ of the set
- 22. A _____ set of A is collection of all subsets of A , denoted by $P(A)$

- 25. $f: R \text{ to } R \text{ by } y=f(x)=c$, x element of R where c is a constant and each x element of R and its range is set c
- 27. If the domain of a real valued function is also either R or a subset of R , it is called a _____
- 28. Another unit for measure of angle is called _____ measure
- 29. The set of all second elements of ordered pairs in a relation R from a set A to a set B is called the _____ of the set
- 30. An _____ diagram is a visual representation of a relation

Down

- 1. In _____ all the elements of a set possess a single common property
- 3. The interval which contains the end points also is called _____
- 5. In Venn diagrams, elements of the sets are written in their respective _____
- 8. Two sets are said to be _____ if they have exactly the same elements and can be written as $A=B$

- 9. Set containing only one element is called _____ set
- 10. The _____ of a subset A of universal set U is the set of all elements of U which are not the elements of A
- 11. _____ is a well-defined collection of objects
- 12. A set which is empty or consists of a definite number of elements is called _____ set
- 14. A pair of elements grouped together in a particular order
- 15. The theory of sets was developed by _____
- 19. Venn diagrams were named after the English logician,
- 23. $f: R \text{ to } R$ defined by $f(x) = |x|$ for each x element R is called _____
- 24. The _____ of A and B is the set which consists of all the elements of A and all the elements of B
- 26. Most of the relations between sets can be represented through diagrams called _____ diagrams