

Across

3. a part of straight line between two points
5. three or more lines that intersect at exactly one point
6. the longest side in a right triangle
7. tells position in space
10. lines that are not parallel nor intersecting
11. an instrument used to measure angles
14. two angles opposite each other and are made by two intersecting lines
15. two angles with a sum of 180 degrees
18. two intersecting lines forming 90 degrees at the intersection
21. a triangle with no equal sides
22. lines that cross each other
25. three or more points that lie on the same line
26. represented by a flat surface
27. lines that do not intersect each other
28. an angle that measures between 180 and 360 degrees

Down

1. a line that intersects two or more other lines
2. a mathematics and logical study of objects and the relationships of their shapes and measure.
3. when an image is equal to itself when rotated or reflected
4. the Father of Geometer
8. angle that measures more than 90 degrees
9. two angles with a sum of 90 degrees
12. a set of points that extends in two opposite directions without end
13. when two rays share the same vertex
16. a four-sided figure
17. two angles that share a common side and are beside each other
19. the title of the textbook compiling the basic concepts of Geometry used presently
20. a triangle with three equal sides
23. a part of straight line from a point to a side of the line
24. a triangle with two equal sides