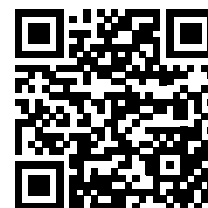


name: _____

class: _____

date: _____

Geometry



Geometry is a branch of _____ that focuses on the study of shapes, sizes, and the properties of space. An ancient _____, geometry helps us understand the world around us. One basic element of geometry is the _____, which represents a location in space but has no size. Points build up to form lines. A _____ is straight and extends infinitely in both directions, but has no thickness. When two lines meet, they form an _____. Angles are fundamental in geometry and can be of various _____ like acute, right, or obtuse. Shapes like _____, squares, and circles are also key concepts in geometry. A triangle is a three-sided shape and is known for its _____ and stability. Geometry is not just theoretical; it has practical applications too. For instance, architects use geometry to design _____ and engineers apply it in constructing bridges. Even _____ use geometric concepts to create aesthetically pleasing works. In the world of _____, geometry plays a crucial role in _____ graphics, creating realistic animations and video games. Moreover, geometry is essential in _____, helping scientists understand the shapes and movements of celestial bodies. Thus, _____ is a vibrant and essential field that bridges the gap between the abstract and the real _____.

types	world	point	discipline	artists	line	triangles	mathematics
computer	astronomy	technology	strength	angle	geometry	buildings	