



### Class Six Geometry Main Lesson

The Pythagoreans believed the study of Geometry to be the highest form of mathematical endeavour through which one can explain the physical world.

A geometric view is also the basis for the General Relativity of modern physics and mathematics.

In this main lesson artistic form making arose out of precise mathematical and geometric instruction. A point was described as having no width or height, but only having position. A line was described as having no width, but only having length.

These ideas lead to the desire for accuracy and precision, which were achieved by the skilful use of compass and ruler and exact mathematical instruction.

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