

## Mathematics!

Given the description, give the name of the specific area of mathematics in each case.

**Question 1** The behaviour of dynamic systems, which renders long-term prediction almost impossible

**Chaos Theory**

**Question 2** The study of symbols and the rules for manipulating symbols

**Algebra**

**Question 3** Concerning rates of change and slopes of curves

**Calculus**

**Question 4** Concerned with shape, size, angles, & relative position of figures

**Geometry**

**Question 5** Study of the collection, analysis, interpretation, presentation, and organization of data

**Statistics**

**Question 6** Continuous deformations including stretching and bending, but not tearing or gluing.

**Topology**

**Question 7** The traditional operations of numbers, addition, subtraction, multiplication and division.

**Arithmetic**

**Question 8** The analysis of random phenomena, and the calculations involved in prediction

**Probability**

**Question 9** Relationships between lengths and angles of triangles

**Trigonometry**

**Question 10** Study of motion and forces producing motion.

**Mechanics**