

QUESTION BANK

Q.No	Q. Text	Ans
1	What is the difference between a line and a plane?	A line is a one-dimensional figure, while a plane is a two-dimensional figure.
2	Define a ray.	A ray is a part of a line that has one endpoint and extends infinitely in one direction.
3	What is a point?	A point is a location in space that has no dimension.
4	What is a line segment?	A line segment is a part of a line with two endpoints.
5	What is a plane?	A plane is a flat, two-dimensional surface that extends infinitely in all directions.
6	What is a circle?	A circle is a closed curve that is equidistant from a central point.
7	What is a sphere?	A sphere is a three-dimensional object that is perfectly round.
8	What is a cube?	A cube is a three-dimensional object with six square faces.
9	What is a cylinder?	A cylinder is a three-dimensional object with two parallel circular bases.
10	What is a cone?	A cone is a three-dimensional object with a circular base and a single vertex.

11. What is a prism?
A prism is a three-dimensional object with two parallel, congruent bases and rectangular side faces.

12. What is a pyramid?
A pyramid is a three-dimensional object with a polygonal base and triangular side faces that meet at a single vertex.

13. What is a sphere?
A sphere is a three-dimensional object that is perfectly round, with every point on its surface equidistant from its center.

14. What is a cylinder?
A cylinder is a three-dimensional object with two parallel circular bases connected by a curved surface.

15. What is a cone?
A cone is a three-dimensional object with a circular base and a single vertex.

16. What is a cube?
A cube is a three-dimensional object with six square faces.

17. What is a rectangular prism?
A rectangular prism is a three-dimensional object with six rectangular faces.

18. What is a triangular prism?
A triangular prism is a three-dimensional object with two parallel triangular bases and three rectangular side faces.

ANSWER KEY

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