

QUESTIONS TO BE ASKED. ANSWERS

Q. 1. What is the difference between a line and a ray?
A. A line has no end points, while a ray has one end point.

Q. 2. How many lines can be drawn through a point? How many lines can be drawn through two points?
A. An infinite number of lines can be drawn through a point. Only one line can be drawn through two points.

Q. 3. What is a line segment? How many line segments can be drawn between two points?
A. A line segment is a part of a line with two end points. Only one line segment can be drawn between two points.

Q. 4. What is a closed curve? Give an example.
A. A closed curve is a curve that starts and ends at the same point. A circle is an example of a closed curve.

Q. 5. What is a convex polygon? Give an example.
A. A convex polygon is a polygon in which all interior angles are less than 180 degrees. A square is an example of a convex polygon.

Q. 6. What is a concave polygon? Give an example.
A. A concave polygon is a polygon in which at least one interior angle is greater than 180 degrees. A pentagon with one reflex angle is an example of a concave polygon.

Q. 7. What is a regular polygon? Give an example.
A. A regular polygon is a polygon in which all sides and all interior angles are equal. An equilateral triangle is an example of a regular polygon.

Q. 8. What is a quadrilateral? Give an example.
A. A quadrilateral is a polygon with four sides. A square is an example of a quadrilateral.