GEOMETRY-QUESTIONS

Q1) Questions on Points, Line and Line Segments

a) Draw three points on a piece of paper.

b) Name two real-life examples of a line segment.

c) Draw a line segment of 6 cm.

d) Draw a straight line passing through two points.

e) Give two examples of rays in real life.

f) Can a line segment have a fixed length?

g) Is a ray endless? Why?

h) Name the parts of a line segment.

i) Can a point have a size or length?

Q2) Fill in the blanks

a) A point is a precise location or position in space, usually represented by a ☐

b) Line segment has ☐ endpoints.

c) Line segment has definite ☐

d) A line segment is a straight path between two ☐

e) A line is a straight path that extends endlessly in both ☐

f) A line is infinite, while a ☐ has fixed endpoints.

g) A ☐ is a straight path that starts at one point and extends endlessly in one direction.

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GEOMETRY-ANSWERS

Q1 Points, Line and Line segments.

a) Students need to draw three points.

b) Examples: Edge of a ruler, side of a book.

c) Students need to draw

d) students need to draw

e) Examples: Sunlight, a laser beam.

f) Yes, a line segment always has a fixed length.

g) Yes, a ray is endless because it continues indefinitely in one direction.

h) Endpoints and length.

i) No, a point has no size or length; it only represents a location.

Q2) Fill in the blanks

a) A point is a precise location or position in space, usually represented by a dot.

b) Line segment has two endpoints.

c) Line segment has definite length.

d) A line segment is a straight path between two endpoints.

e) A line is a straight path that extends endlessly in both directions.

f) A line is infinite, while a line segment has fixed endpoints.

g) A ray is a straight path that starts at one point and extends endlessly in one direction.

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