

Define the following Geometric terms:

point:



LINE:



SEGMENT:



RAY:



Plane:



Collinear:



Concurrent:



ANGLE:

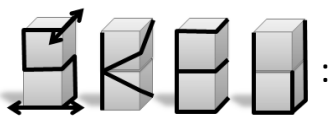


Parallel Lines:



Perpendicular Lines:





Circle:



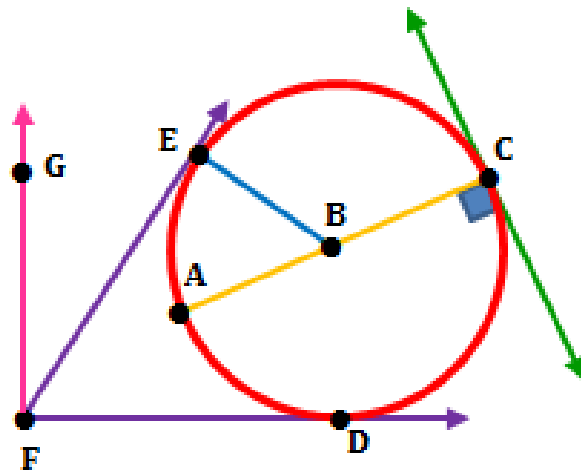
Use the word bank below to describe each object or set of objects.

Line	Point	Perpendicular	Segment	Plane
Circle	Parallel	Diameter	Ray	Radius
	Angle	Skew	Coplanar	Collinear

1. How would you best describe the **purple geometric shape** shown in the diagram at the right?

2. How would you best describe the **red geometric shape** shown in the diagram at the right?

3. How would you best describe the **center of the circle** shown in the diagram at the right?



4. How would you best describe the **pink geometric shape** shown in the diagram above?

5. How would you best describe the **blue geometric shape** shown in the diagram above?

6. How would you best describe the **green geometric shape** shown in the diagram above?

7. How would you best describe the **orange geometric shape** shown in the diagram above?

8. How would you best describe the relation between the set of geometric shapes **Point A, Point B, and Point C**?

9. How would you best describe the relation between the set of **green** and **orange** geometric shapes?

Use the word bank below to describe each object or set of objects.

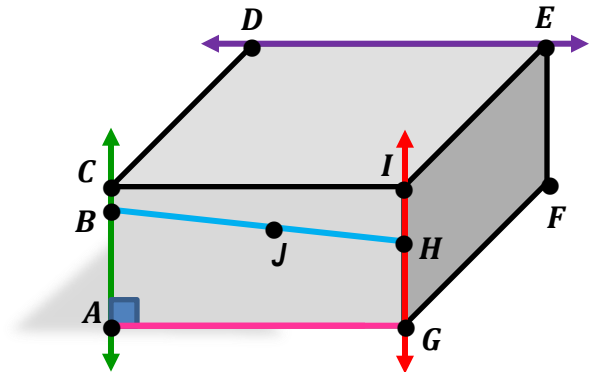
Line	Point	Perpendicular	Segment	Plane
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The geometric shape shown in the diagram below is a 3-dimensional rectangular prism.

10. How would you best describe the relationship between the line \overleftrightarrow{AC} and the line \overleftrightarrow{GI} ?

11. How would you best describe the relationship between the line \overleftrightarrow{AC} and the segment \overline{AG} ?

12. How would you best describe the relationship between the line \overleftrightarrow{AC} and the line \overleftrightarrow{DE} ?



13. How would you best describe the set of **Point A, Point B, Point J and Point H**?

14. How would you best describe the set of **Point G, Point H, and Point I**?

15. (True or False) Any 3 distinct points are always coplanar.

16. (True or False) Any 2 distinct circles are always coplanar.

17. (True or False) If 2 lines intersect once then the lines are coplanar.

18. (True or False) Two lines that are skew can sometimes intersect.

19. (True or False) An angle and a circle can have more than 3 intersections.

20. (True or False) Two distinct circles can have more than 2 intersections.

21. (True or False) Any given line and point are always coplanar.