

Section-01-01-GeometricDefinitions

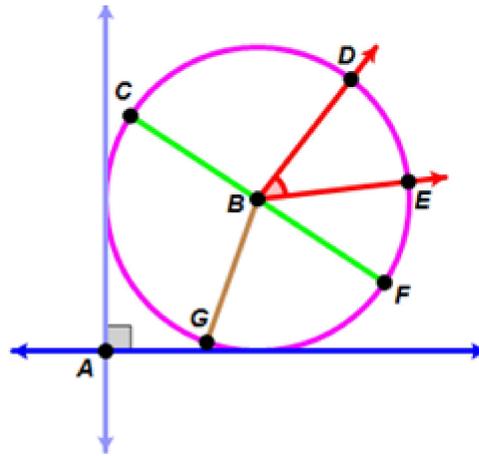
Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. In Euclidean geometric terms, which of the below would be the best description of a **LINE**?
- a. It is a straight object that begins at a point and extends forever in one direction.
 - b. It is a straight object that extends infinitely in opposite directions without any width or thickness.
 - c. It is a straight object that consists of all of the points that are equal distance from a common point.
 - d. It is a straight object that consists of all of the points that exist between two different points.
- _____ 2. In Euclidean geometric terms, which of the below would be the best description of a **PLANE**?
- a. It could be described as a flat object with infinite length, infinite width, and infinite thickness
 - b. It could be described as a flat object with infinite length and infinite width but no thickness.
 - c. It could be described as a flat object with no width, no length, and no thickness.
 - d. It could be described as an object with propellers.
- _____ 3. Which word best describes a set of 3 or more different points that are all on the same line.
- a. Accurate
 - b. Line-up
 - c. Collinear
 - d. Sightline

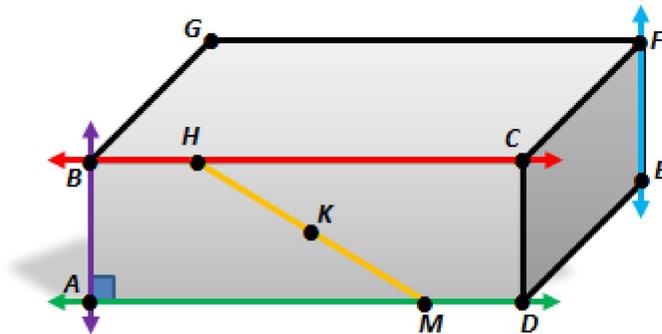
- _____ 4. Which word best describes two lines that are not in the same plane?
- a. Long Distance
 - b. Parallel
 - c. Skew
 - d. Uncommon
 - e. Perpendicular

- _____ 5. Consider the diagram at the right. Which of the words below would geometrically best describe the relationship between the two blue objects that pass through point A?



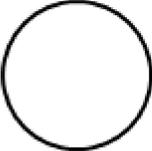
- a. Upright
 - b. Perpendicular
 - c. Parallel
 - d. Skew
- _____ 6. Assume in the figure shown at the right that the solid is a rectangular prism.

How would you **best** describe the relationship between the green (\overleftrightarrow{AD}) and red (\overleftrightarrow{BC}) lines?

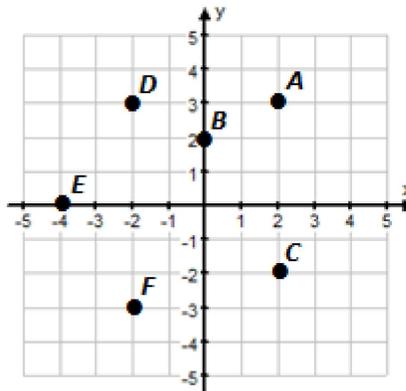


- a. Aligned
- b. Parallel
- c. Perpendicular
- d. Skew

7. Which of the below figures most likely represents a set of points equidistant from a point in a plane?

- a. 
- b. 
- c. 
- d. 

8. Which group or set of points of the below choices are **collinear**?



- a. Point A, Point B, Point C
- b. Point C, Point E, Point F
- c. Point B, Point C, Point D
- d. Point A, Point B, Point E

Section-01-01-GeometricDefinitions
Answer Section

MULTIPLE CHOICE

- | | |
|-----------|--------|
| 1. ANS: B | PTS: 1 |
| 2. ANS: B | PTS: 1 |
| 3. ANS: C | PTS: 1 |
| 4. ANS: C | PTS: 1 |
| 5. ANS: B | PTS: 1 |
| 6. ANS: B | PTS: 1 |
| 7. ANS: C | PTS: 1 |
| 8. ANS: D | PTS: 1 |