Name_____   Video 1.2 Geometry Homework

Directions: Watch video 1.2 Geometry - Points Lines and Planes on www.edpuzzle.com. Fill in the missing information from your worksheet below. When the video pauses, answer the question and click continue.

Geometry 1.2 – Points, Lines and Planes

* A LOT of vocab, so get your pencils ready

The "Undefined Terms"	Diagram	How to name it
A **point** indicates a location and has no size (0 dimensions)		Name a point using the capital letter associated with the point. Ex:
A **line** extends indefinitely in both directions and thus has arrows on each end. It has no thickness and contains indefinitely many points (1 dimension)		Name a line using any two points on the line and put the "line" symbol above with 2 arrows. Ex:
A **plane** is a flat surface that extends indefinitely in all directions. It has no thickness and contains indefinitely many lines (2 dimensions)		Name a plane using any three points on the plane that do *not* make a straight line, or by a single letter in the corner of the plane. Ex:

More Vocabulary Terms	Diagram	How to name it
Collinear points: Points that lie on the same line		Simply list the points with commas in between. Ex:
Coplanar points/lines: Points or lines that lie in the same plane		Simply list the points or lines that lie in the same plane. Ex:
A **line segment** is part of a line between two end points (no arrows)		Use both endpoints with the line segment symbol above them. Ex:
A **ray** is part of a line that starts with one endpoint and tretches infinitely in one directions		Start with the endpoint and then use any other point on the ray. Ex:
Opposite rays are two rays that share the same endpoint and stretch in exactly opposite directions, forming a line		There are two different rays here, so you will name each one, beginning with the shared endpoint. Ex: