|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TERM** | **DEFINITION** | | **DIAGRAM** | **NOTATION**  **(SYMBOL)** |
| Point |  | |  |  |
| Line |  | |  |  |
| Collinear Points |  | |  |  |
| Plane |  | |  |  |
| Coplanar points |  | |  |  |
| **TERM** | **DEFINITION** | | **DIAGRAM** | **NOTATION**  **(SYMBOL)** |
| Ray |  | |  |  |
| Line Segment |  | |  |  |
| Opposite Rays |  | |  |  |
| Angle |  | |  |  |
| Angle Measure |  | |  |  |
| Write down which vocabulary words students may get confused and **explain why**.Give at least **two examples**  **1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | **SUMMARY:** Draw a diagram that includes **at least five (5)** vocabulary items **ALL together**. | | |

**DIRECTIONS:** With your partner, match the **definition, diagram, and symbol** to the appropriate vocabulary word.

|  |  |  |  |
| --- | --- | --- | --- |
| **TERM** | **DEFINITION** | **DIAGRAM** | **NOTATION**  **(SYMBOL)** |
| Point | An exact location **ON A PLANE** | [http://www.ducksters.com/kidsmath/circle.gif](http://www.bing.com/images/search?q=points+in+geometry&view=detailv2&&id=089416E77D2ED575122379F1CE0BEEEA754C68BA&selectedIndex=5&ccid=UO2vTVCt&simid=608042648229383068&thid=JN.FTnbbUJ9XpFtbg0Qnh5BHA) | Point P **or** |
| Line | Represented by a straight line with **two arrows** to show it extends in **both directions infinitely** |  | or |
| Collinear Points | Points that lie **on the same line** | [http://www.homeworkhelp.com/CMS/hwhlesson/mathematics/geometry/ch1/2/images/010201_1.gifhttp://www.homeworkhelp.com/CMS/hwhlesson/mathematics/geometry/ch1/2/images/010201_1.gif](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCNKHn_Hfo8cCFcQYPgodf3oJBA&url=https://www.homeworkhelp.com/CMS/viewer/mostvisitedlesson.php?moduleid=MzY2&ei=YlfLVdLOMsSx-AH_9KUg&bvm=bv.99804247,d.cWw&psig=AFQjCNFDg91KvDr-LrDSD0Lxw8DmcL7CLA&ust=1439475905709015)  **Non Example**  **Example** | Points A, B, & C are **collinear**  Point D, E & E, are **non-collinear** |
| Plane | A **flat, 2 dimensional** surface | [http://www.freemathhelp.com/images/g11.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCNql2rTio8cCFcQbPgod36gIBw&url=http://www.freemathhelp.com/feliz-defined-terms.html&ei=CVrLVZr9CsS3-AHf0aI4&bvm=bv.99804247,d.cWw&psig=AFQjCNHEmgyNIleqpYOKh64bQC8oNq3mUQ&ust=1439476568789031)    **M** | Plane M |
| Coplanar points | **Points** that lie on the **same plane** |  | Points A, B, C, & D are **on the plane** |
| **TERM** | **DEFINITION** | **DIAGRAM** | **NOTATION**  **(SYMBOL)** |
| Ray | Part of a line that **has a single point** and extends infinitely **in the other direction** | [Image result for rays in geometry](http://www.google.com/imgres?imgurl=http://www.homeschoolmath.net/teaching/g/angles/ray12.gif&imgrefurl=http://www.homeschoolmath.net/teaching/g/angles.php&h=282&w=576&tbnid=oKORcMbFPuPI9M:&docid=e6fiEdLm6NuiiM&ei=71rLVYeDGInp-AGq2In4Ag&tbm=isch&ved=0CEAQMygOMA5qFQoTCMe2vaLjo8cCFYk0PgodKmwCLw)    [Image result for rays in geometry](http://www.google.com/imgres?imgurl=http://www.mathplanet.com/media/38987/vector01.png&imgrefurl=http://www.mathplanet.com/education/pre-algebra/introducing-geometry/geometry-%E2%80%93-fundamental-statements&h=62&w=232&tbnid=sD8PsYmrDiE5BM:&docid=k1KpN21woM722M&ei=IVvLVa1Rwfb4AdupgOgP&tbm=isch&ved=0CEIQMygQMBBqFQoTCO3lkbrjo8cCFUE7Pgod2xQA_Q) | **Ray ST & Ray XY**  OR |
| Line Segment | Part of a line that consists of **two endpoints** | [http://www.kwiznet.com/images/questions/grade6/math/Geometry_linesegment.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCK-wmIbko8cCFUVXPgodjwsBOw&url=http://www.kwiznet.com/p/takeQuiz.php?ChapterID=2211&CurriculumID=65&Num=1.5&ei=wFvLVa_QHsWu-QGPl4TYAw&bvm=bv.99804247,d.cWw&psig=AFQjCNHL5YC40FtxBrmoIq8HoWEeA1DTxw&ust=1439477034016876)  [http://www.kwiznet.com/images/questions/grade6/math/Geometry_linesegment.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCK-wmIbko8cCFUVXPgodjwsBOw&url=http://www.kwiznet.com/p/takeQuiz.php?ChapterID=2211&CurriculumID=65&Num=1.5&ei=wFvLVa_QHsWu-QGPl4TYAw&bvm=bv.99804247,d.cWw&psig=AFQjCNHL5YC40FtxBrmoIq8HoWEeA1DTxw&ust=1439477034016876) | Line segment AB  OR |
| Opposite Rays | Two rays **connected** at point B that **form a straight angle** |  | and are **opposite rays** |
| Angle | It is formed by **two rays** sharing a **common endpoint** |  | or |
| Angle Measure | The **number of degrees** between **two connected rays** | [http://assets.pearsonschool.com/file-vault/flipbooks/texasreview/mathematics/digits/TX_Digits_HomeworkHelper_HTML_Files/Grade%207/Volume%201/images/U03/p90-002.jpg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCMHs6rvoo8cCFYU6Pgod3oMH4A&url=http://flipbooks.pearsonschool.com/texasreview/mathematics/digits/TX_Digits_HomeworkHelper_HTML_Files/Grade%207/Volume%201/page_90.html&ei=YmDLVcGzLYX1-AHeh56ADg&psig=AFQjCNGXwPm4_2MpzvdCWWbO28oBras7bQ&ust=1439478192249638) |  |