**Geometry Lesson 1-10: Students will copy a triangle and construct a parallelogram; they will also define skew lines, coplanar and noncoplanar points.**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**[1st] Can you complete the magic square?**

 **| 4 | | |**

 **| | | |**

**| 3 | 5 | |**

**| | | |**

**| 8 | | 6 |**

**| | | |**

**[2nd] Can you copy this triangle?**

 **FIRST, try on your own.**

 **SECOND, discuss this with**

 **someone else.**

 **THIRD, list the steps needed**

 **to copy the triangle and make**

 **your copy.**

**[3rd] How do you \_\_\_\_\_\_\_\_\_ \_ To construct a parallelogram, 1st Construct a pair of**

 **parallelogram? parallel lines. 2nd The two parallel lines in your construction**

 **are both intersected by a third line called a \_\_\_\_\_\_\_\_\_\_\_.**

 **Construct a fourth line that is parallel to this \_\_\_\_\_\_\_\_\_\_\_.**

 **This should make four sides of a parallelogram.**

 **1st Make two intersecting lines, 2nd Construct a line parallel to** $\overleftrightarrow{BC}$

$\overleftrightarrow{AB}$ **and** $\overleftrightarrow{BC}.$ **that goes through A.**

 **3rd Construct another line parallel to** $\overleftrightarrow{AB}$ **that passes through C.**

 **This should give you two pairs of parallel lines that make a parallelogram.**

**[4th] What are skew**

 **lines?**

**[5th] What are coplanar**

 **points?**

**[6th] what are noncoplanar**

 **points?**