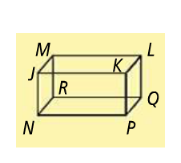
**NAMING –** be sure to use the correct symbol

**SYMBOL:** (sketch the symbol below the word)

Segment Line Ray/Opposite Ray

1. Name **line j** two different ways: \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
2. Name **line m** two different ways: \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
3. Where do lines CA and EB intersect? \_\_\_\_\_\_\_\_\_\_
4. What is another name for plane Z? \_\_\_\_\_\_\_\_\_\_\_
5. Name **3** segments: \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_
6. Name **2** opposite rays: \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
7. Name **2** rays: \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_

**INTERSECTING PLANES**

1. Where do planes MRN and QPN intersect: \_\_\_\_\_\_\_\_\_\_\_\_\_
2. Where do planes KPQ and LMR intersect: \_\_\_\_\_\_\_\_\_\_\_\_\_
3. Where do planes JNP and RQP intersect? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What planes intersect at QP? \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
5. What planes intersect at JK? \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
6. What planes intersect at JN? \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_

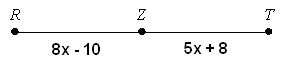
**Segment Addition:**

If 1. If EF = 2x – 12, FG = 3x – 15 and EG = 23, find the values of *x*, *EF*, and *FG*. The drawing is not to scale.

**X = \_\_\_\_\_\_\_\_\_\_\_**

**EF = \_\_\_\_\_\_\_\_\_\_**

**FG = \_\_\_\_\_\_\_\_\_**

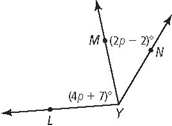
 2. If *Z* is the **midpoint** of  what are *x*, *RZ*, and *RT*?

**X = \_\_\_\_\_\_\_\_\_\_\_**

**RZ = \_\_\_\_\_\_\_\_\_\_**

**ZT = \_\_\_\_\_\_\_\_\_**

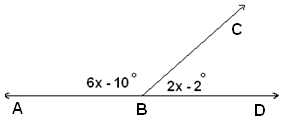
**Angle Addition**

1.  If *m*∠*LYN* = 125, what are *m*∠*LYM* and *m*∠*MYN?*

**p = \_\_\_\_\_\_\_\_\_\_\_**

**<LYM = \_\_\_\_\_\_\_\_\_\_**

**<MYN = \_\_\_\_\_\_\_\_\_**

1. ** In the given straight angle, find the value of x, <ABC and <DBC

**x = \_\_\_\_\_\_\_\_\_\_\_ <ABC = \_\_\_\_\_\_\_\_\_\_ <DBC = \_\_\_\_\_\_\_\_\_**