Geometry **Name:** _____

Quiz REVIEW 1a – Introduction to Geometry **Date:** _____ **Per:** _____

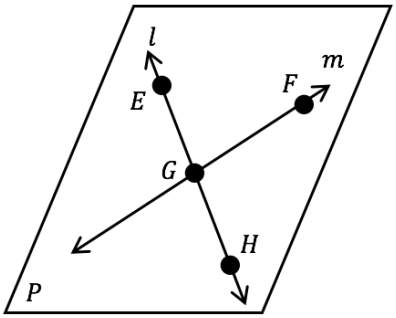
Use the figure below for questions 1 – 4.

1) Name the intersection of line $\overleftrightarrow{GF}$ and $\overleftrightarrow{EH}$. 1) _____

2) Give another name for $\overleftrightarrow{GF}$. 2) _____

3) Name two non- collinear points. 3) _____

4) Give two other names for Plane P. 4) _____



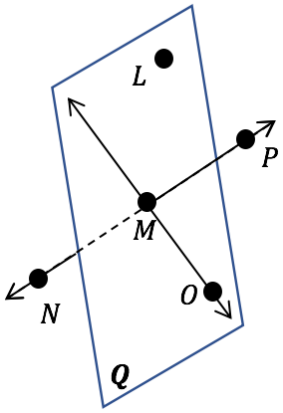
Use the figure below for questions 5 – 8.

5) Name three non-collinear points. 5) _____

6) Name the intersection of plane MOL and $\overleftrightarrow{NP}$. 6) _____

7) Name a point coplanar to point O. 7) _____

8) Give another name for $\overleftrightarrow{PM}$. 8) _____

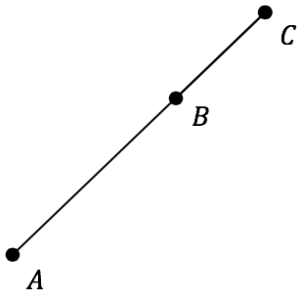


Use the figure below for questions 9 – 11.

9) If $AC = 22$, $BC = x + 14$, and $AB = x + 10$,find BC. 9) _____

10) If $AC = 3x + 3$, $AB = -1 + 2x$, and $BC = 11$, find the value of x. 10) _____

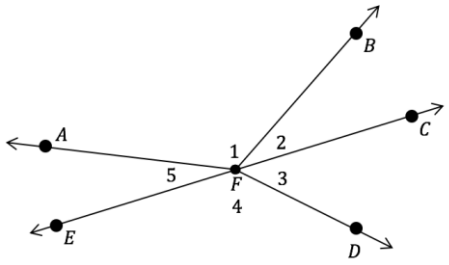
11) If $AB = 2m - 7$, $BC = 9m + 9$, and $AC = 14 + 8m$, find AC. 11) _____



12) If G is the midpoint of $\overline{MB}$, $MG = n + 5$ and $GB = 3n - 7$, find MB. 12)_____

In the diagram below, $\overline{FD} \perp \overline{FB}$. Use the diagram for questions 13 – 17.

13) Name the vertex of $\angle 1$. 13)_____



14) Name the sides of $\angle 5$. 14)_____

15) Give another name for $\angle 4$. 15)_____

16) If $m\angle 3 = 68°$, $m\angle BFC$. 16)_____

17) If $m\angle 5 = 47°$ and $m\angle 1 = 98°$, find $m\angle BFC$. 17)_____