

Unit 1 – Essential Geometry

1. For each of the geometric statements below, write in words what the statement is representing and then draw a picture of the geometric statement.

Geometric Statement	What is this saying?	Draw a picture
$\overrightarrow{PQ}$		
$\overleftrightarrow{AB}$		
$l \parallel m$		
$j \perp k$		
$\angle PRS$		
$\bullet Z$		
$\angle FHS \cong \angle DHS$		

2. Draw and use the proper markings to show the following:

a) The perpendicular bisector of a segment.

b) The angle bisector of an angle.

c) The midpoint of a segment.

3. Recall angle pairs. Answer each question and draw a sketch of each pair of angles below.

a) What is the relationship between vertical angles?

b) What is the relationship between angles that form a linear pair?

c) What are complementary angles?