

# 8.1 Basic Geometric Terms ✓

1 The difference between a line, a line segment, and a ray is: • A line segment is part of a line



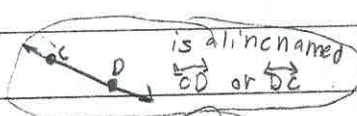
• A ray starts at a certain point and goes on forever in one direction



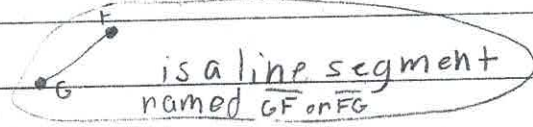
• a line goes forever in both directions



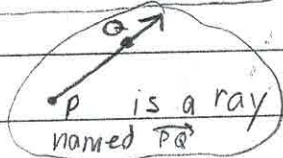
3 is a line named  $\overleftrightarrow{CD}$  or  $\overleftrightarrow{DC}$



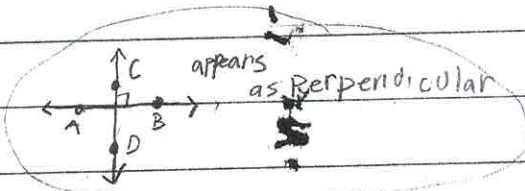
5 is a line segment named  $\overline{GF}$  or  $\overline{FG}$



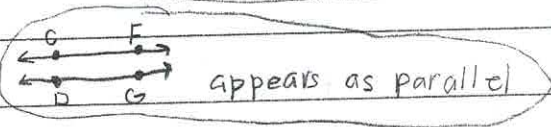
7 is a ray named  $\overrightarrow{PA}$



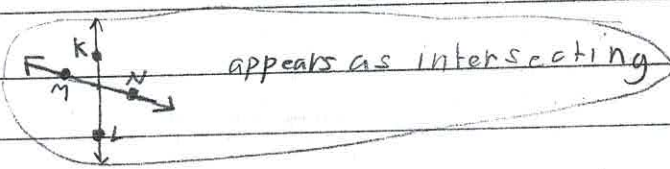
9 appears as perpendicular



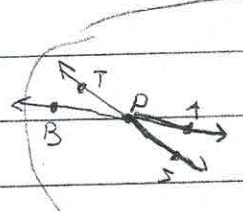
11 appears as parallel



13 appears as intersecting



15 P is the vertex. The vertex must be in the middle when naming an angle so  $\angle BPA$  or  $\angle APB$



17 Q is the vertex. This angle can be called  $\angle CQA$  or  $\angle AQC$ .

