

Geometric Constructions

QUIZ (worth 50 pts)

Name: _____

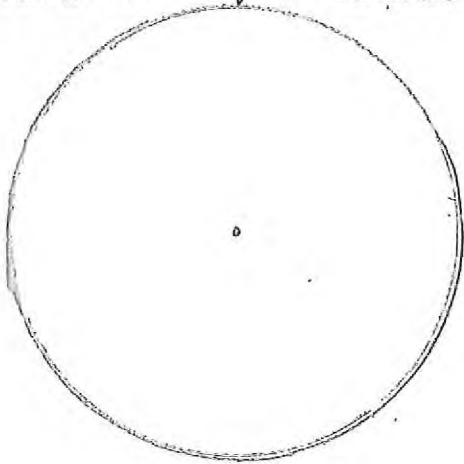
Pd: _____

#7

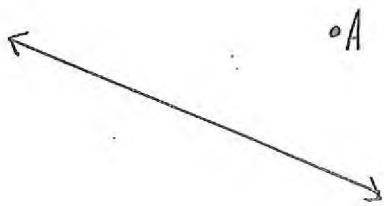
1. Bisect the angle below.



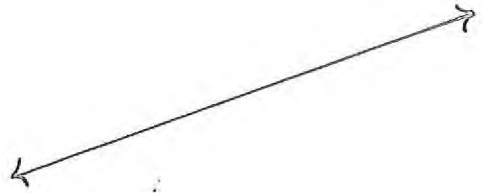
2. Construct a square inscribed in a circle.



3. Construct a line parallel to the given line that goes through point A.



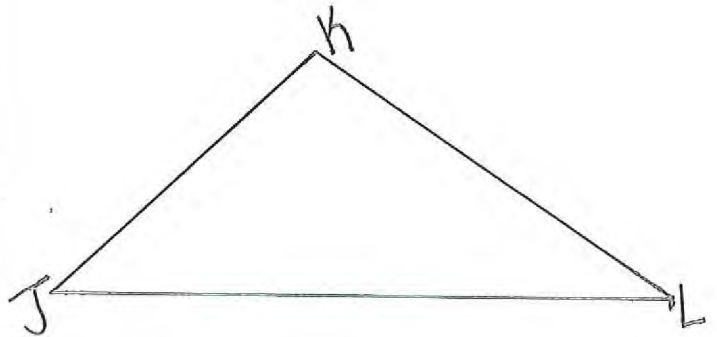
4. Construct a line that is perpendicular to the given line.



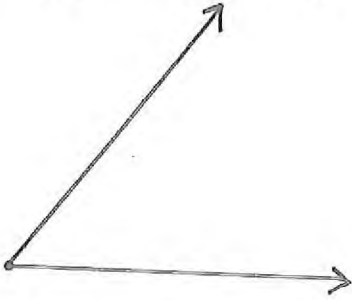
5. Bisect the segment PQ.



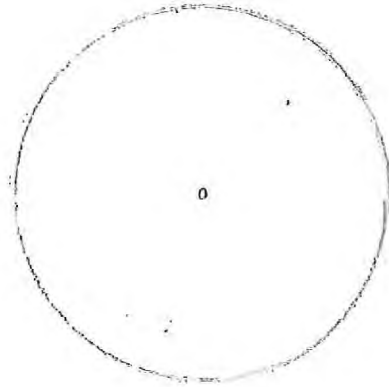
6. Construct the centroid of $\triangle JKL$.



7. Copy the angle.



9. Construct a regular hexagon inscribed in a circle.

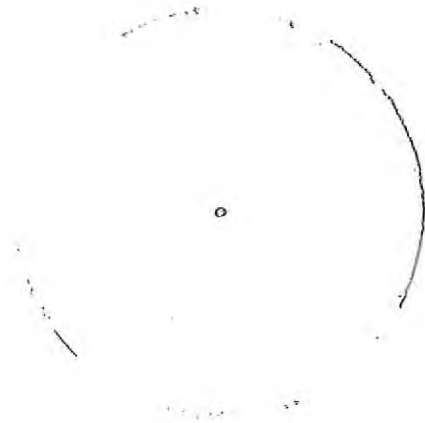


10. Copy segment LM.



8. The medians of a triangle intersect at a point called the _____.

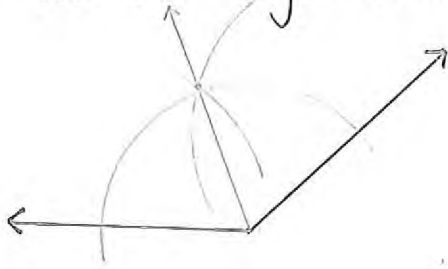
11. Construct an equilateral triangle inscribed in a circle.



Geometric Constructions QUIZ (worth 50 pts)

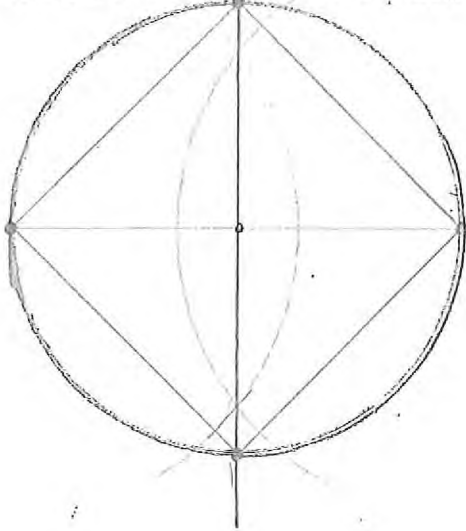
Name: Key
Pd: _____ #7

1. Bisect the angle below. 4 pts

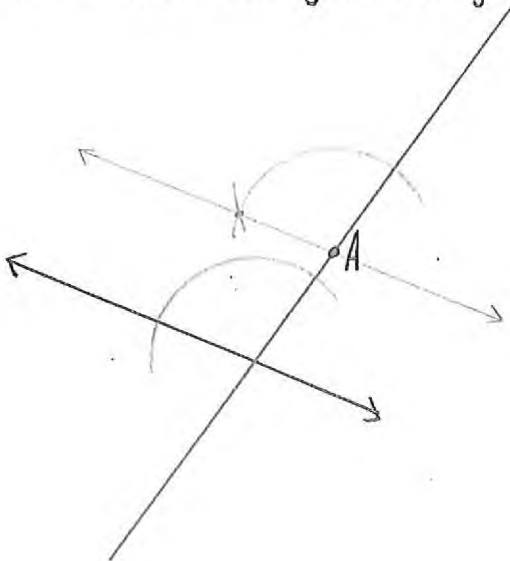


38

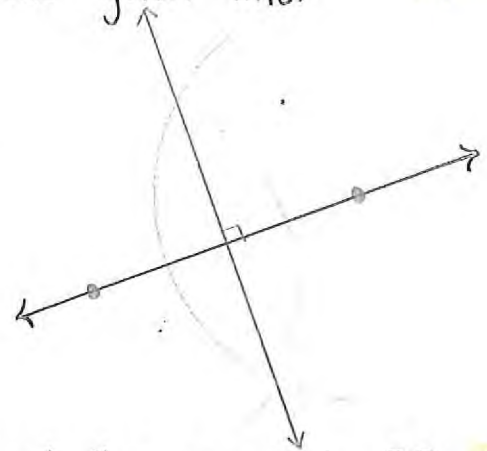
2. Construct a square inscribed in a circle. 5 pts



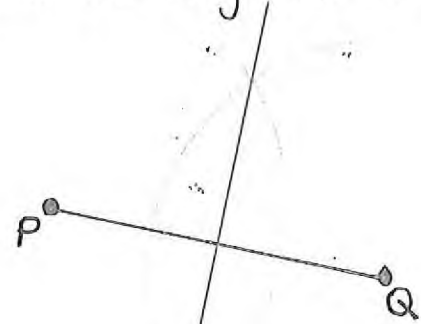
3. Construct a line parallel to the given line that goes through point A. 5 pts



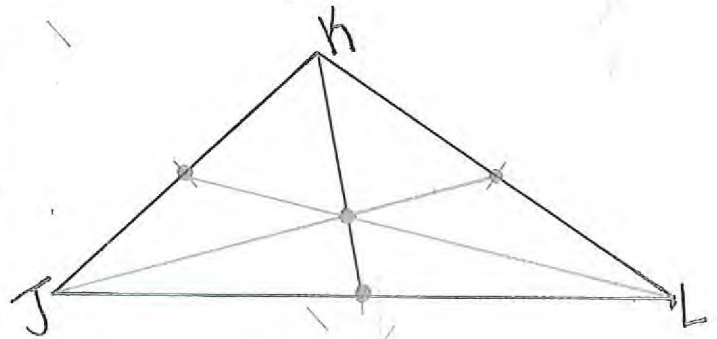
4. Construct a line that is perpendicular to the given line. 4 pts



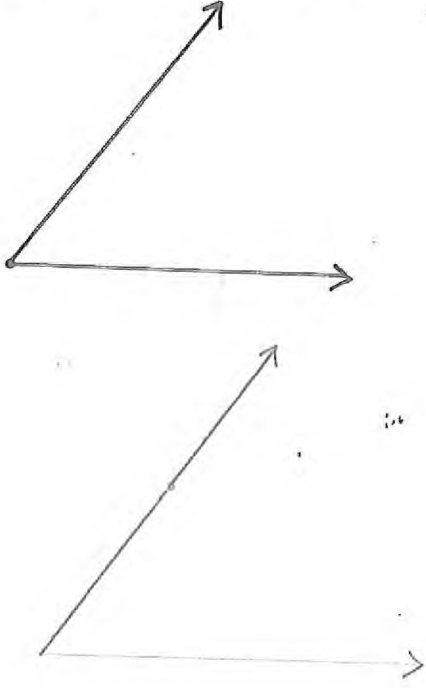
5. Bisect the segment PQ. 3 pts



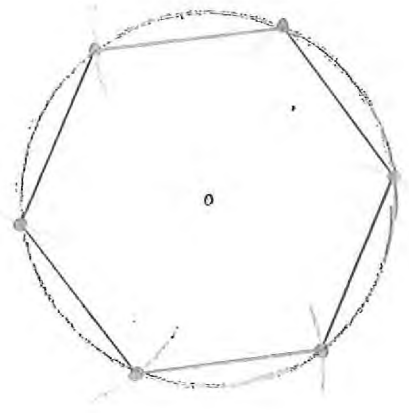
6. Construct the centroid of $\triangle JKL$. 6 pts



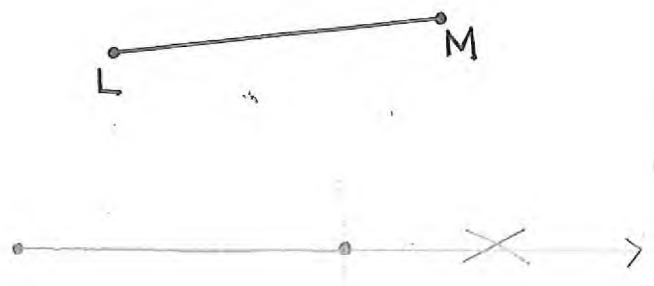
7. Copy the angle. 4 pts



9. Construct a regular hexagon inscribed in a circle. 2 pts



10. Copy segment LM. 2 pts



8. The medians of a triangle intersect at a point called the centroid. 1 pt

11. Construct an equilateral triangle inscribed in a circle. 2 pts

