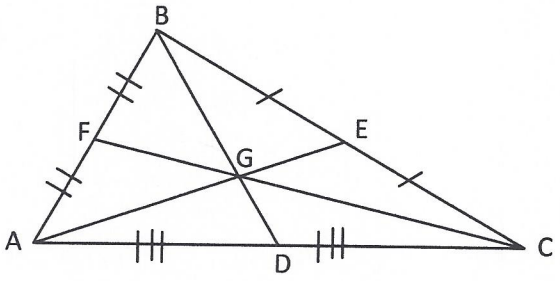
Geometry – Centroids Worksheet Name _____

1. A median of a triangle is a _____ whose endpoints are a _____ and the _____ of the opposite side.

2. The point of concurrency for 3 medians is called the _____.

3. The centroid is _____ the distance from each vertex to the midpoint of the opposite side.



For #4-12, use the diagram above.

4. If GE = 4, find AE and AG.

5. If CF = 15, find FG and CG.

6. If BG = 14, find BD.

7. If DG = 2, find BG.

8. If AG = 11, find AE.

9. If BD = 39, find BG and GD.

10. If BG = 7, find GD.

11. If CF = 17, find GF.

12. If EG = 25, find AG and AE.