Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Median Notes

A cardboard triangle will balance on the end of a pencil if the pencil is placed on a particular point on the triangle. This point is call the MEDIAN OF A TRIANGLE. ***The median of a triangle is the segment from a vertex to the midpoint of the opposite side.***

***The point where all three medians intersect is called the CENTROID***. This will be the balancing point of the triangle.

Examples of Medians: Example of Centroid:



z

Ex. 1) In the following triangle, draw a median.



Ex. 2) NC is the median of ∆ABC. Find x if $NA = 4x – 1$ and $NB = 3x + 2.$



Ex. 3) RK is the median of ∆IJK. Find x if $JI= x - 2$ and $RI = x - 7$





Ex. 4) Q is the centroid of ∆RST. If $SQ=8$, find QW and WS.

Ex. 5) If P is the centroid of ∆MNL and QN = 21in, find NP and PQ.



Ex. 6) If D is the centroid of ∆ABC and ED = 18 ft , find DC and EC.



Ex. 7) If Z is the centroid of ∆HIJ where $JR=5x+4$ and $ZR=2x$, find JZ.



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Median HOMEWORK

A cardboard triangle will balance on the end of a pencil if the pencil is placed on a particular point on the triangle. This point is call the MEDIAN OF A TRIANGLE. ***The median of a triangle is the segment from a vertex to the midpoint of the opposite side.***







4. 5. 6.

7. 8.



9. 10. 11.



 12. 13. 14.

15.

16.

17.

18.