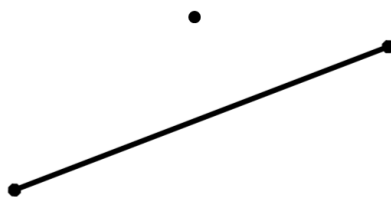


1. What other construction is done when constructing parallel lines?
2. What other construction is done when constructing a square inscribed in a circle?
3. How do you know the construction for a congruent angle actually works?

4. Complete the following constructions.
 - a. Construct a perpendicular bisector



- b. perpendicular line through a point



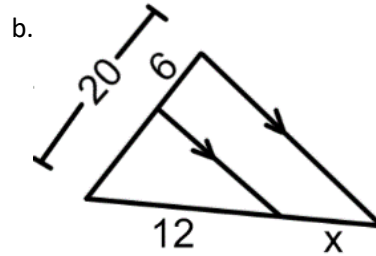
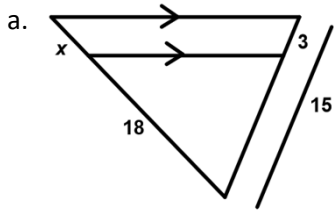
- c. Equilateral Triangle Inscribed in a circle

- d. Parallel Line through a Point

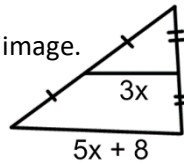


g. Square Inscribed in a Circle

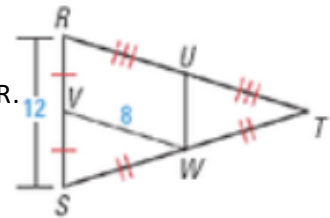
5. Find the value of x for each of the following.



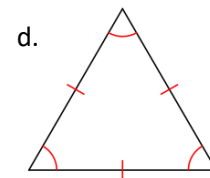
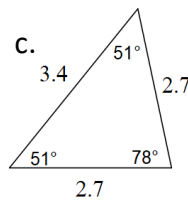
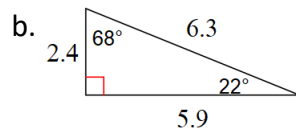
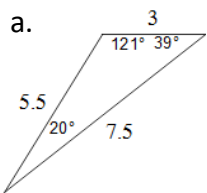
6. Find the value of x in the following image.



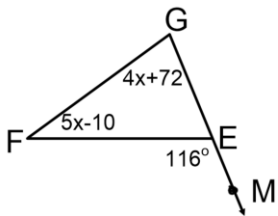
7. UV and VW are midsegments of triangle RST . Find the length of UV and TR .



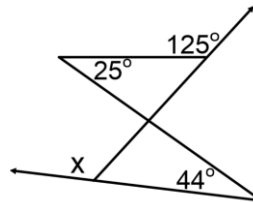
8. Classify the following triangles by their angles & sides.



11. Find the value of x .

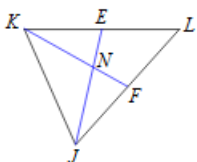


12. Find the measure of angle indicated.



The following figures show triangles with one or more medians.

13. Find x if $KN = 3x - 1$ and $NF = 2x - 1$



14. Find x if $LF = 2x + 8$ and $LU = 5 + 4x$

