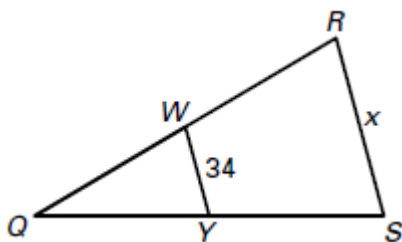


Assignment 49 Chapter 5 Test

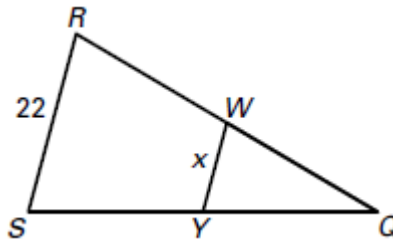
Show all work for full credit. No work No Credit

\overline{WY} is the midsegment of $\triangle QRS$. Find the value of x .

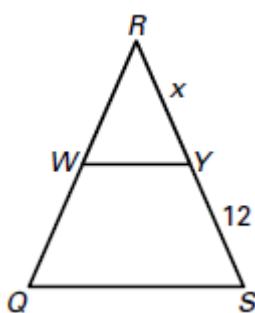
1.



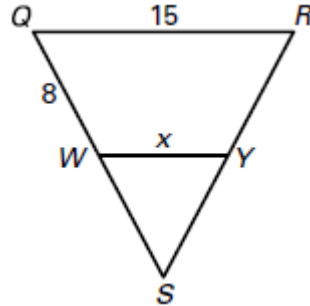
2.



3.



4.



Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

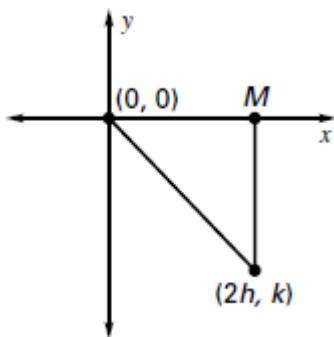
8. _____

9. _____

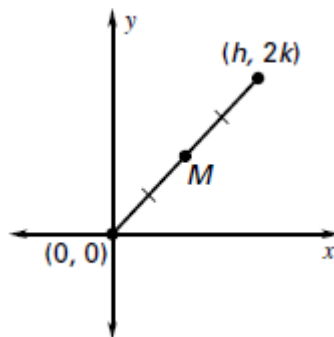
10. _____

Find the coordinates of point M in the figure.

5.

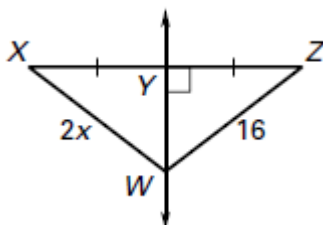


6.

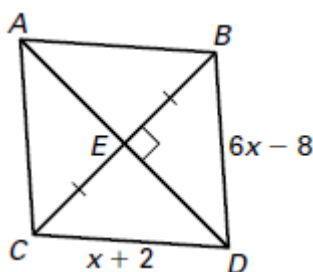


Find the value of x .

7.

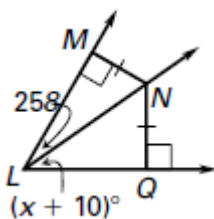


8.

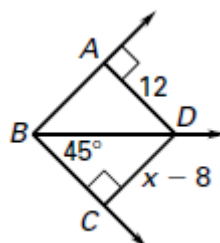


Use the information in the diagram to find x .

9.

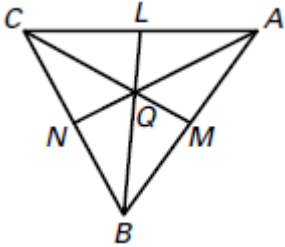


10. $m\angle ABC = 90^\circ$.

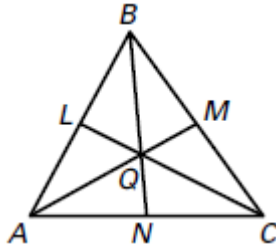


In $\triangle ABC$, Q is the centroid.

11. $QC = 12$. Find CM .

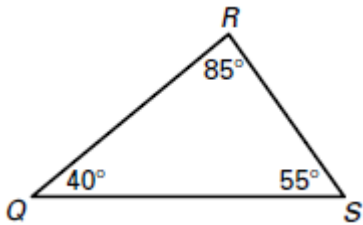


12. $QC = 6$. Find CL .

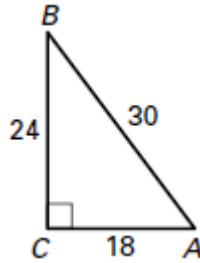


List the unknown sides or angles in order from smallest to largest.

13.



14.



Answers

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

Is it possible to construct a triangle with the given side lengths?

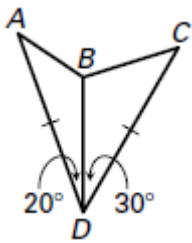
15. 3, 7, 9

16. 4, 6, 10

17. 2, 7, 10

Copy and complete with $<$, $>$, or $=$.

18. AB ? BC



19. RS ? VW

