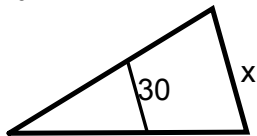
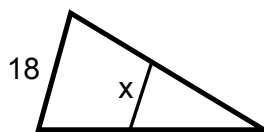


CHAPTER 5 QUICK REVIEW

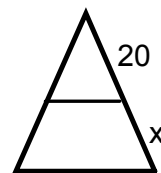
Find x .



1. _____

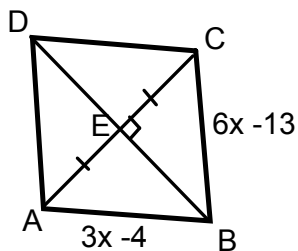


2. _____



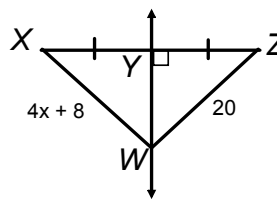
3. _____

Find AB.



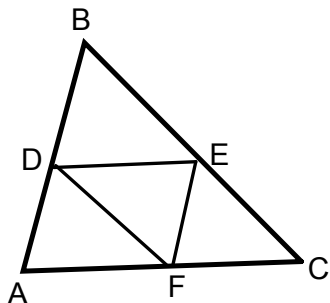
4. _____

Find x .



5. _____

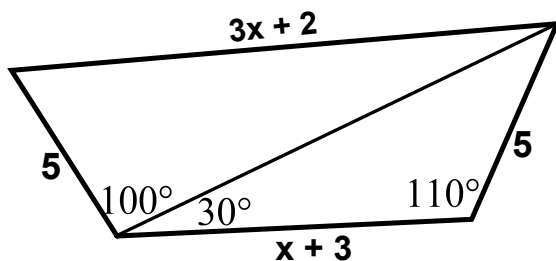
6. Find AB and EF when $AB = 8x - 18$ and $EF = 2x + 5$



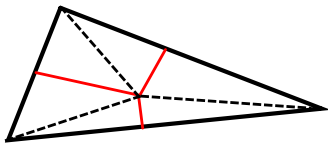
AB = _____

EF = _____

7. Use the Hinge Theorem or its converse and properties of triangles to write and solve an inequality to describe a restriction on the value of x .



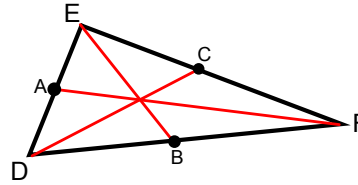
8. If the solid lines are Perpendicular Bisectors then the dotted lines are ALL _____.



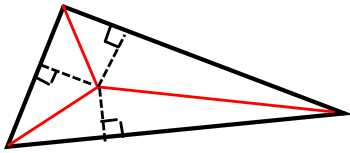
9. If the Point of Concurrency is a CENTROID then the length from any vertex to the centroid is _____ of the entire line length.

What do points A, B, and C represent?

Line EB is a _____.

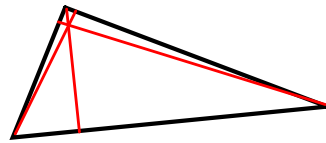


10. If the solid lines are Angle Bisectors then the dotted lines are ALL _____.



11. The Point of Concurrency of ALL the ALTITUDES is the _____.

It's purpose is _____.



12. Describe the possible lengths of the third side of the triangle given the lengths of the other two sides.

13, 7, _____

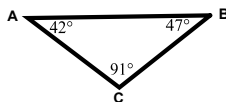
State if the three sides can be the measures of the sides of a triangle. Explain.

13. 2, 8, 10

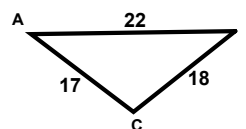
14. 4, 9, 12

15. 3, 9, 5

List the sides and angles from SMALLEST to LARGEST.



16. Sides: _____



17. Angles: _____

P is the CENTROID of triangle ABC, AP = 24, EP = 16, and BF = 60.

Find the length of the segments.

18. AD = _____

19. CG = _____

20. FG = _____

