See the answers to the Practice Assignment on PAGE 3 below.

State if the given numbers can be the measures of the sides of a triangle.

- 1.6,3,9
- 2. 11, 12, 11
- 3. 11, 7, 20
- 4. 12, 1, 12
- 5. 10, 7, 3

Two sides of a triangle are given. Find the range of possible measures for the third side.

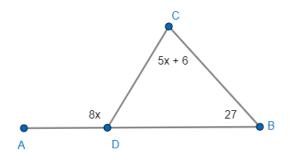
6.6,6

Order the angles of the triangle from smallest to largest.

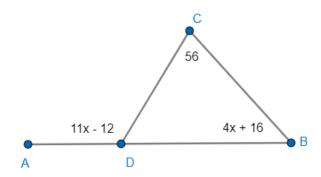
7. In triangle JLK, JL = 16, KJ = 18, LK = 14

Order the sides of the triangle from shortest to longest.

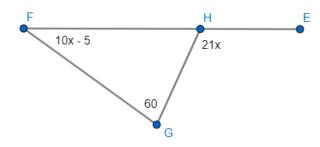
- 8. In triangle GEF, <F = 55, <G = 63, <E = 62
- 9. Triangle JLK has midsegment WX parallel to JL. JL = 24. Find the length of WX.
- 10. In triangle IJK, SR is a midsegment parallel to KI. KI = 8. Find the length of SR.
- 11. Triangle TSU has exterior angle EST. m<EST = 95, m<U = 15. Find the measure of angle T.
- 12. Triangle TSU has exterior angle JUT. m<S = 20, m<T = 50. Find the measure of angle JUT.
- 13. Solve for x.



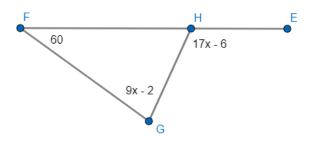
14. Solve for x.



15. Solve for x.



16. Find m<G



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Answers:
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