Notes - Day 1 Classifying Triangles

Date_____ Period____

1) Dfining Triangles:

Triangles by Angles

Acute Triangles: Obtuse Triangles: Right Triangles:

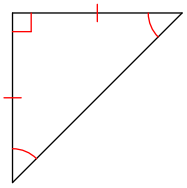
Triangles by Sides:

Scalene Triangle: Isosceles Triangle: Equilateral Triangle:

Triangles are always namd by their angle first, then there side.

Classify each triangle by its angles and sides. Equal sides and equal angles, if any, are indicated in each diagram.

2)



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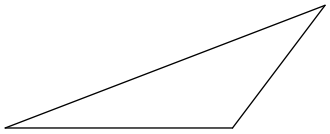
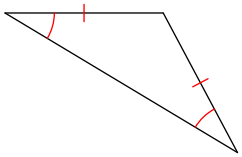
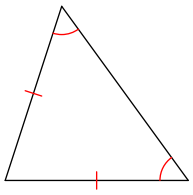
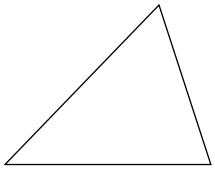
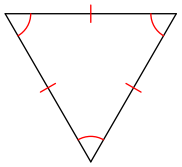
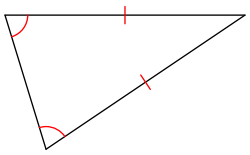


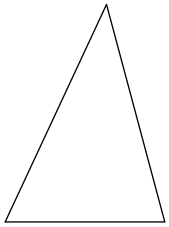
4) 

5) 

6) 

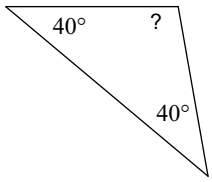
7) 

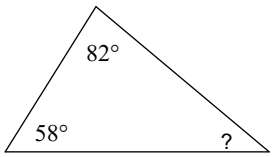
8) 

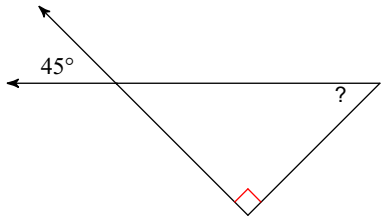
9) 

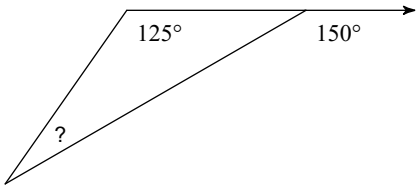
10) Angles of Triangles:
* The sum of the interior angless 180°
* The exterior angle of triangle is equal tothe some of the remote interior angles

Find the measure of each angle indicated.

11) 

12) 

13) 

14) 

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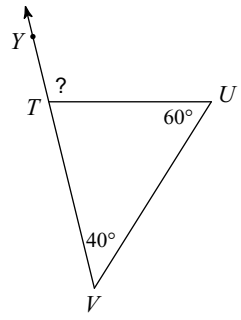

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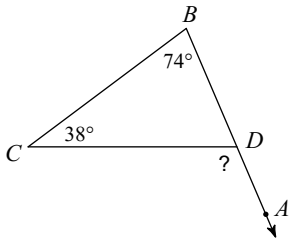
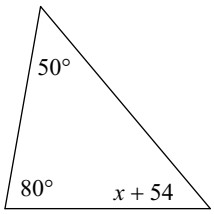


Solve for *x*.

17)



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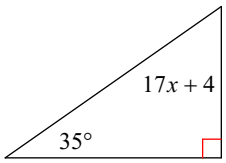

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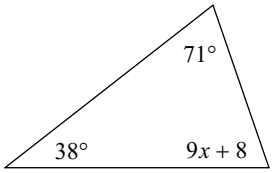

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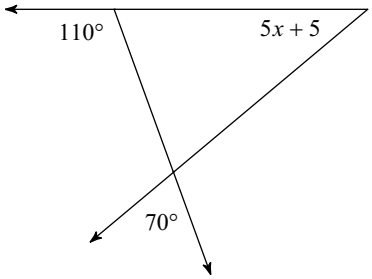

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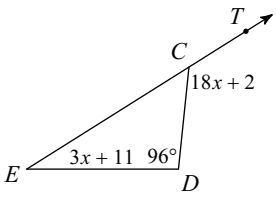

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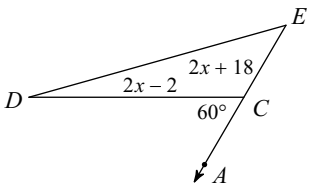
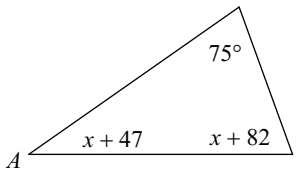


A) Solve for x
B) Find the measure of angle A.

23)



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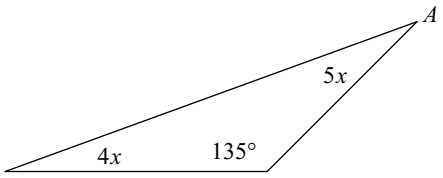

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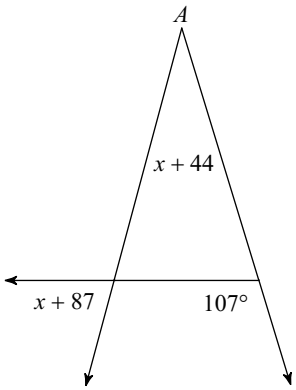

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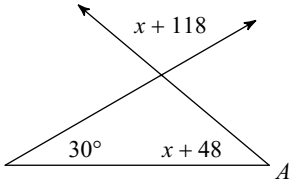

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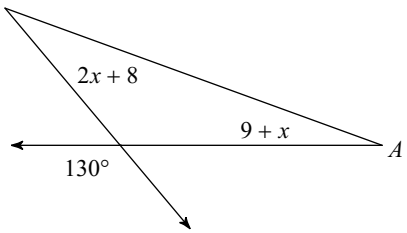

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