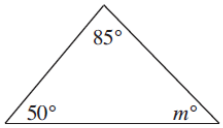
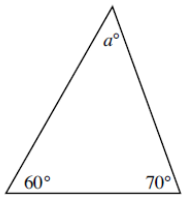
QUESTION **1** Find the value of each pronumeral.

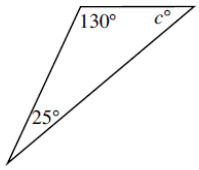
a



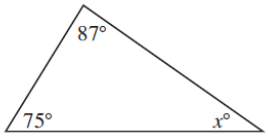
b



c



d



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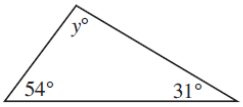

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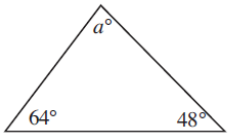

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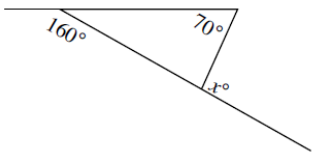

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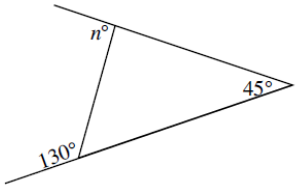

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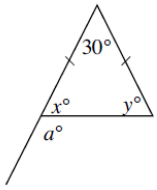
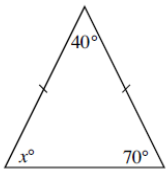


QUESTION **2** Find the value of each pronumeral.

a



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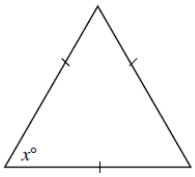
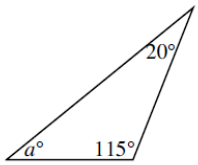
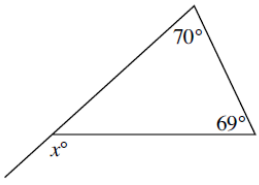


c

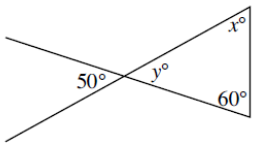


QUESTION **3** Find the value of each pronumeral.

a



b



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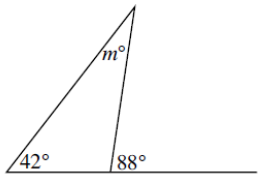
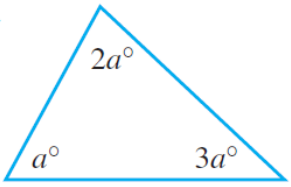
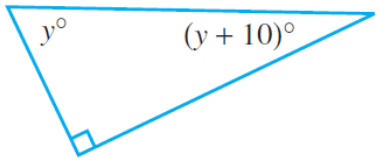


13 Form an equation and solve it to find the value of each pronumeral. Give brief reasons.

a



b



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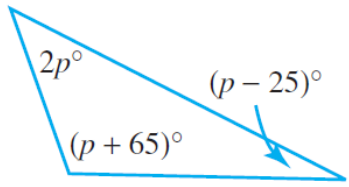
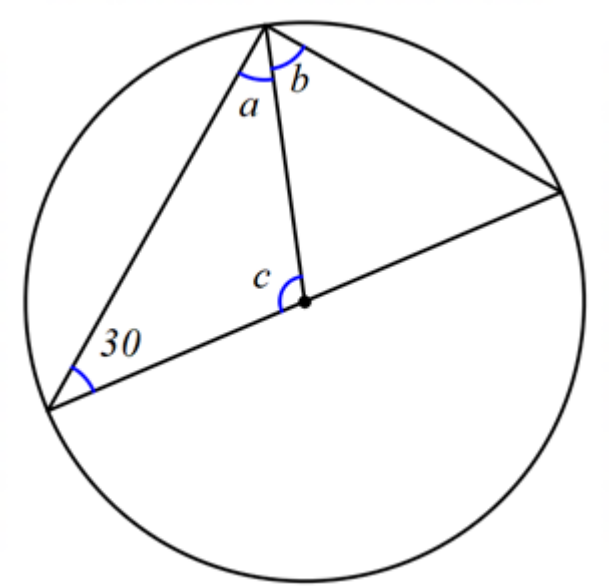


Angles in a semi-circle

1) Use your knowledge of isosceles triangles to find the value of *a*



2) Use your knowledge of triangles to find the value of *c*

3) Find the value of *b*

4) What is the sum of *a* and *b*?

Exercise 2: using a similar methodology than Exercise 1 above, find the sum of angles *a* and *c*.