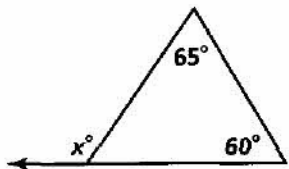


# Practice 3-3

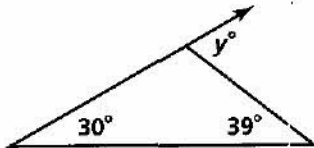
## Parallel Lines and the Triangle Angle-Sum Theorem

Find the value of each variable.

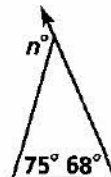
1.



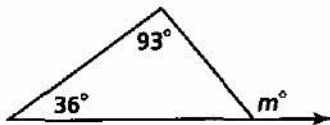
2.



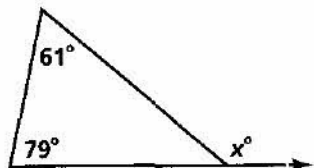
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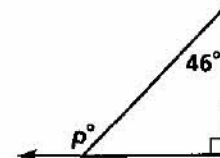
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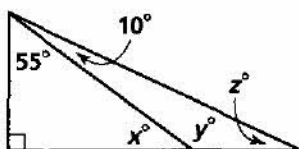
5.



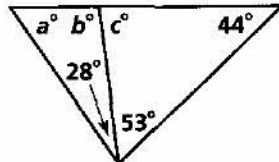
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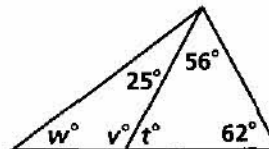
7.



8.

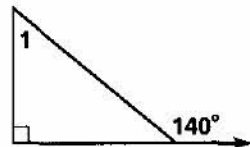


9.

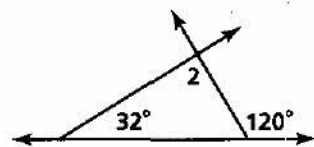


Find the measure of each numbered angle.

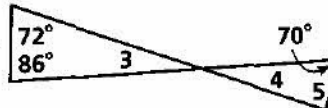
10.



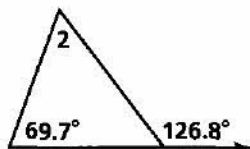
11.



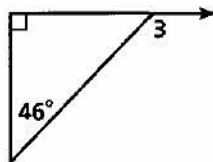
12.



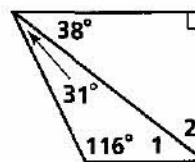
13.



14.



15.

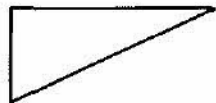


16. The sides of a triangle are 10 cm, 8 cm, and 10 cm. Classify the triangle.

17. The angles of a triangle are 44°, 110°, and 26°. Classify the triangle.

Use a protractor and a centimeter ruler to measure the angles and the sides of each triangle. Classify each triangle by its angles and sides.

18.



19.



20.

