

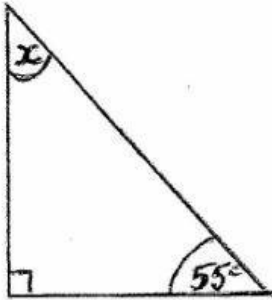
# Mathematics

## Geometry

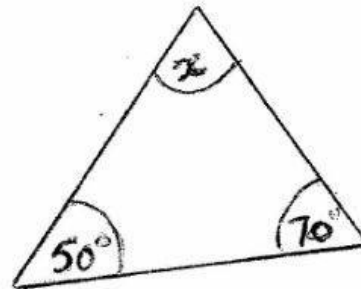
Name: \_\_\_\_\_

Calculate the missing angle in each triangle and place the answer in the box provided.

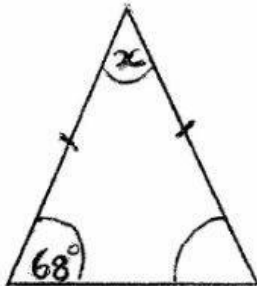
1.



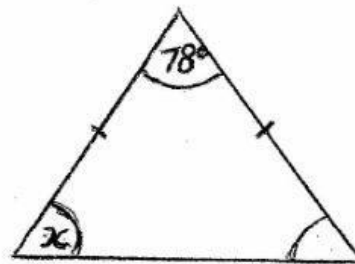
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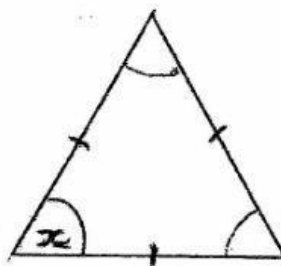
3.



4.



5.



**Carefully read the given information below, and then determine the value of the unknown angle of each triangle.**

6. One of the acute angles in a right angle triangle is  $35^\circ$ , what is the other acute angle?
7. What is the value of each angle in a triangle which has sides that measure 8 cm each?
8. If the apex of an isosceles measures  $70^\circ$ , what is the value of each of the base angles?
9. Two angles of a scalene triangle measure  $36^\circ$  and  $67^\circ$ . What is the value of the third angle?
10. If one base angle in an isosceles triangle measures  $50^\circ$ , what is the size of the angle at the apex?