



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra Geometry

Class: 7

Date: 27. 04.20

Duration: 40 min

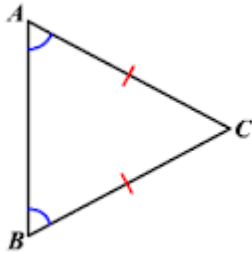
Worksheet Solution-13

Full Marks: 15

## TRIANGLES

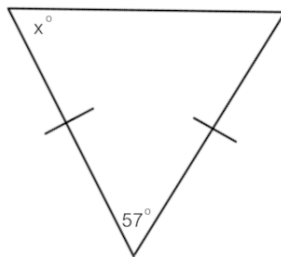
Choose the Correct options:

1. Which angle is the vertex angle?



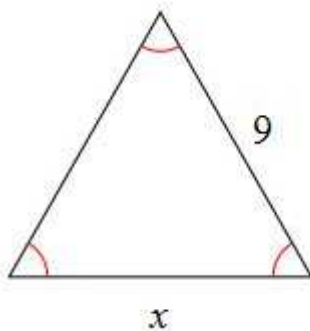
- A.  $\angle C$
- B.  $\angle A$
- C.  $\angle B$
- D. All of these

2. Find x.



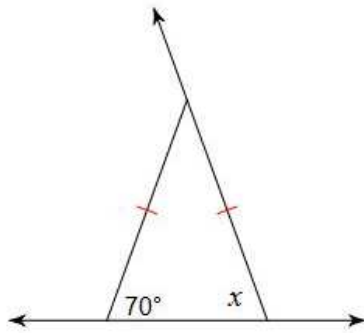
- A. 180
- B. 57
- C. **61.5**
- D. 32.7

2. Find the value of x



- A. **9**
- B. 10
- C. 6
- D. 11

3. Find the value of  $x$



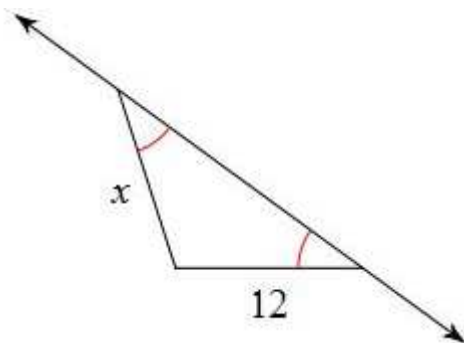
- A.  $70^\circ$
- B.  $72^\circ$
- C.  $64^\circ$
- D.  $94^\circ$

5. What type of triangle is this?



- A. Equilateral
- B. **Isosceles**
- C. Scalene
- D. Obtuse

6. Find  $x$

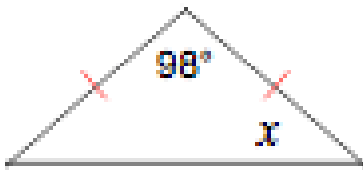


- A. 7
- B. 11
- C. **12**
- D. 9

7. What do the angles in an equilateral triangle measure?

- A. 30, 60, 90
- B. **60, 60, 60**
- C. 45, 45, 90
- D. 35, 55, 90

8. Find the value of  $x$

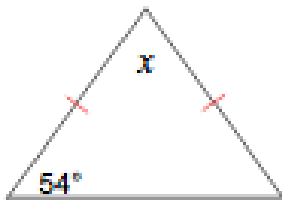


- A. 41
- B. 45
- C. 31
- D. 98

9. 12. The sides of an equilateral triangle have...

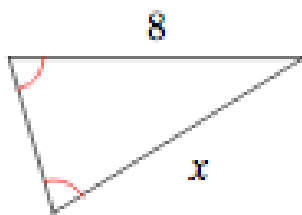
- A. different measures.
- B. Febtober.
- C. **equal measures.**
- D.  $60^\circ$ .

10. Find the value of  $x$



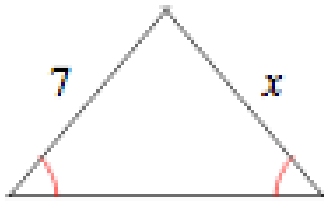
- A. 72
- B. 67
- C. 65
- D. 54

11. Find the value of  $x$



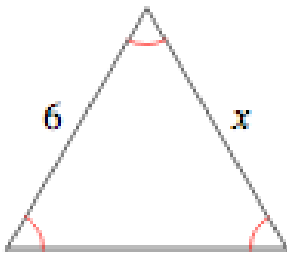
- A. 12
- B. 11
- C. **8**
- D. 6

12. Find the value of  $x$



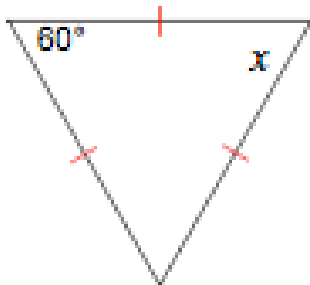
- A. 6
- B. 11
- C. 7**
- D. 12

13. Find the value of  $x$



- A. 9
- B. 11
- C. 8
- D. 6**

14. Find the value of  $x$



- A. 51
- B. 43
- C. 60**
- D. 75

15. Find the value of  $x$



- A. 10
- B. 32
- C. 116
- D. 16**