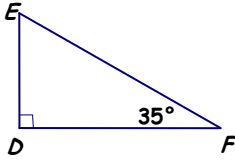


# Parts and Measures of Triangles

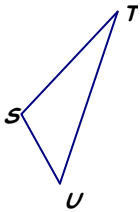
~ 1 ~

Use the triangle below. (1-2)



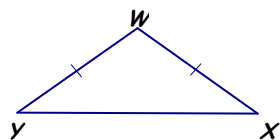
1. Name the shortest leg of right  $\triangle DEF$ .
2. Name the hypotenuse of right  $\triangle DEF$ .

Use the triangle below. (3-4)

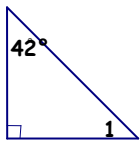


3. Name a side adjacent to  $\overline{ST}$ .
4. Name the side opposite to  $\angle U$ .

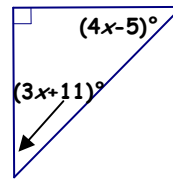
Use the triangle below. (5-6)



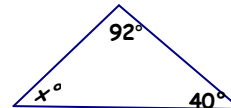
5. Name the legs of isosceles  $\triangle WXY$ .
6. Name the vertex angle of isosceles  $\triangle WXY$ .
7. Find the measure of the numbered angle.



8. Find the value of  $x$ .



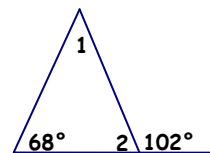
9. Find the value of  $x$ .



In  $\triangle MNP$ , the  $m\angle M = 24^\circ$ . The measure of  $\angle N$  is five times the measure of  $\angle P$ . (10-11)

10. Find  $m\angle N$ .
11. Find  $m\angle P$ .

Find the measure of the numbered angle. (12-13)

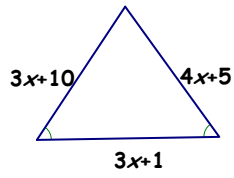


12.  $m\angle 1 = ?$
13.  $m\angle 2 = ?$

Parts and Measures of Triangles

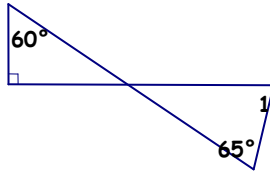
~ 2 ~

14. Find the value of  $x$ .



- A. 35
- B. 15
- C. 10
- D. 5

15. Find the measure of  $\angle 1$ .



- A.  $90^\circ$
- B.  $85^\circ$
- C.  $55^\circ$
- D.  $30^\circ$