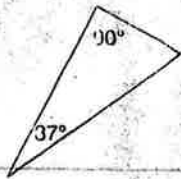
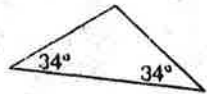


➤ Name each triangle equilateral, isosceles, or scalene. Circle any right triangles.

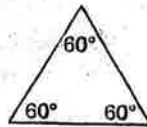
1. _____



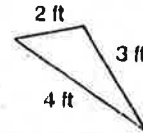
2. _____



3. _____

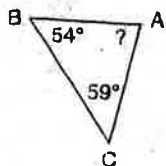


4. _____

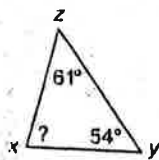


➤ Find the value of each angle.

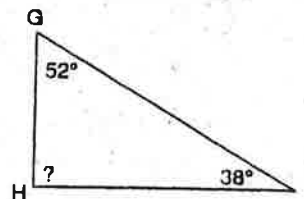
5. $\angle A =$ _____



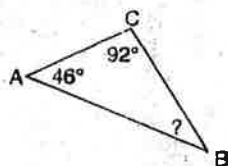
7. $\angle x =$ _____



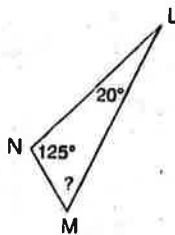
9. $\angle H =$ _____



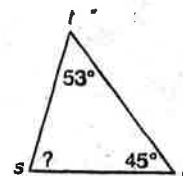
6. $\angle B =$ _____



8. $\angle M =$ _____

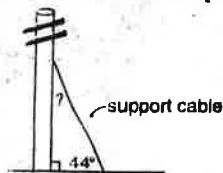


10. $\angle s =$ _____

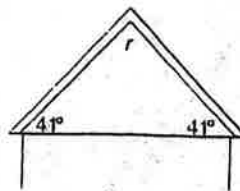


➤ Solve.

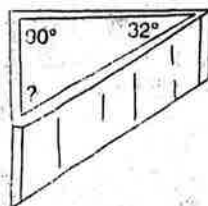
11. Referring to the drawing below, how large is the acute angle that the support cable makes with the telephone pole?



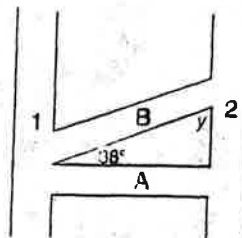
13. How large is the roof angle ($\angle r$) in the drawing below?



12. The planter below is in the shape of a triangle. What is the value of the unmeasured acute angle shown on the top of the planter?

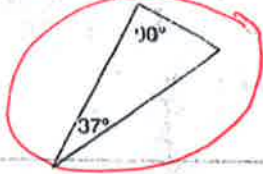


14. Runways 1 and 2 are connected by lanes A and B. If lane A is perpendicular to runway 2, what is the value of $\angle y$?

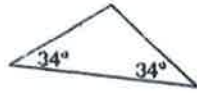


➤ Name each triangle equilateral, isosceles, or scalene. Circle any right triangles.

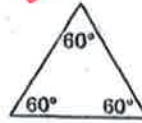
1. scalene



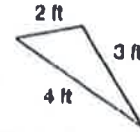
2. isosceles



3. equilateral

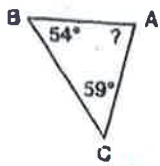


4. scalene

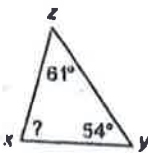


➤ Find the value of each angle.

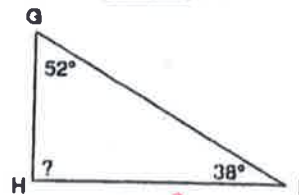
5. $\angle A = \underline{67^\circ}$



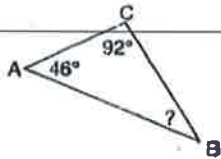
7. $\angle x = \underline{65^\circ}$



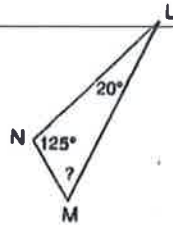
9. $\angle H = \underline{90^\circ}$



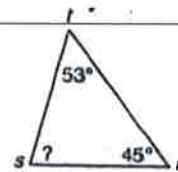
6. $\angle B = \underline{42^\circ}$



8. $\angle M = \underline{35^\circ}$

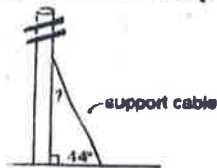


10. $\angle s = \underline{82^\circ}$



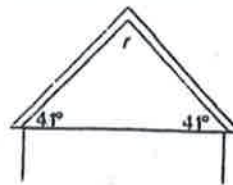
➤ Solve.

11. Referring to the drawing below, how large is the acute angle that the support cable makes with the telephone pole?



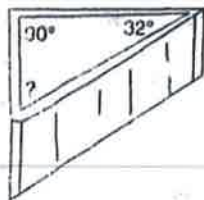
46°

13. How large is the roof angle ($\angle r$) in the drawing below?



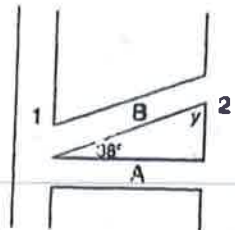
98°

12. The planter below is in the shape of a triangle. What is the value of the unmeasured acute angle shown on the top of the planter?



58°

14. Runways 1 and 2 are connected by lanes A and B. If lane A is perpendicular to runway 2, what is the value of $\angle y$?



52°