

Worksheet 4.1 Classifying Triangles



Geometry Regular

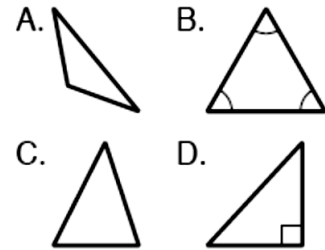
Name _____

Date _____ Mod _____

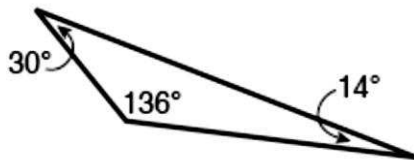
Score _____ out of 4

Match the letter of the figure to the correct vocabulary word.

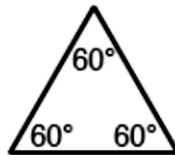
1. right triangle _____
2. obtuse triangle _____
3. acute triangle _____
4. equiangular triangle _____



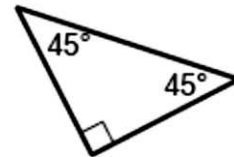
Classify the triangles by their angles.



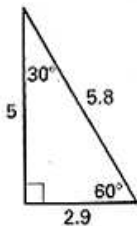
5. _____



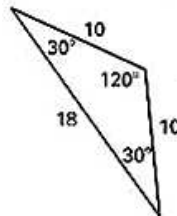
6. _____



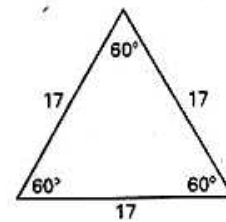
7. _____



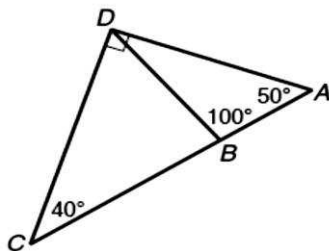
8. _____



9. _____



10. _____



11. $\triangle ABD$ _____

12. $\triangle ADC$ _____

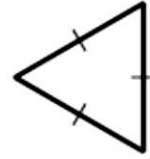
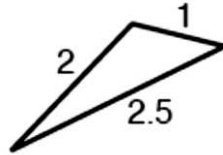
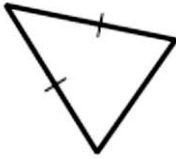
13. $\triangle BCD$ _____

14. An isosceles triangle has _____ congruent sides.

15. An _____ triangle has three congruent sides.

16. A _____ triangle has no congruent sides.

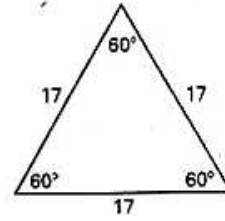
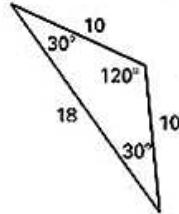
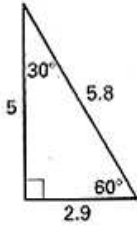
Classify the triangles by their sides.



17. _____

18. _____

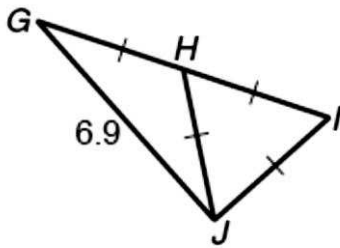
19. _____



20. _____

21. _____

22. _____

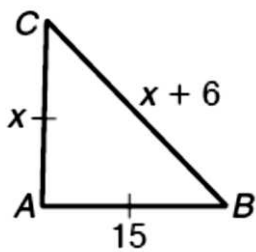


23. $\triangle GHJ$ _____

24. $\triangle IHJ$ _____

25. $\triangle GIJ$ _____

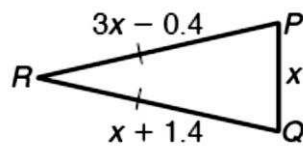
Find the side lengths of each triangle.



26. $AB =$ _____

$BC =$ _____

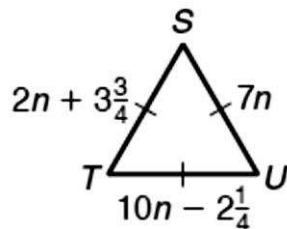
$AC =$ _____



27. $RP =$ _____

$PQ =$ _____

$RQ =$ _____



28. $ST =$ _____

$SU =$ _____

$TU =$ _____