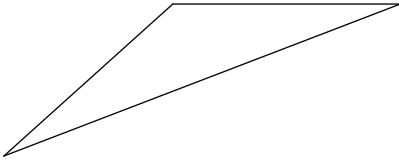


Classifying Triangles

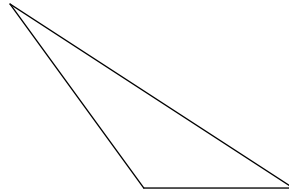
Date _____ Period _____

Classify each triangle by each angles and sides. Base your decision on the actual lengths of the sides and the measures of the angles.

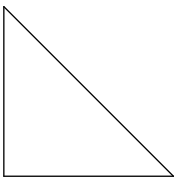
1)



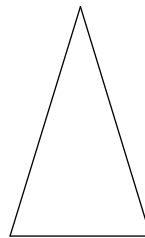
2)



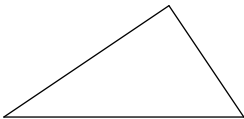
3)



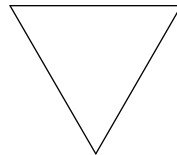
4)



5)

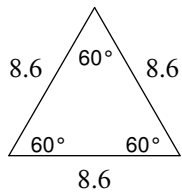


6)

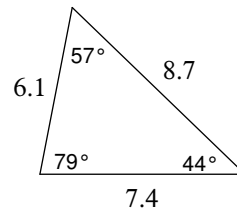


Classify each triangle by each angles and sides.

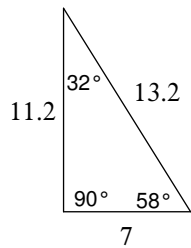
7)



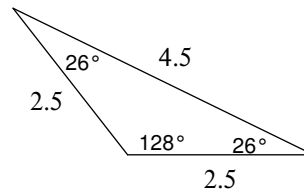
8)



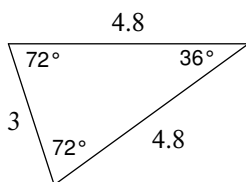
9)



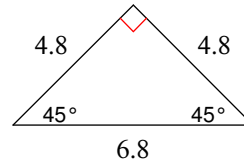
10)



11)



12)

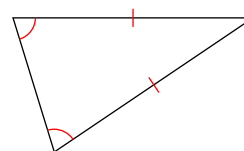


Classify each triangle by each angles and sides. Equal sides and equal angles, if any, are indicated in each diagram.

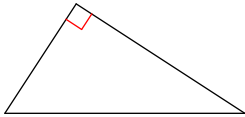
13)



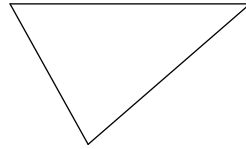
14)



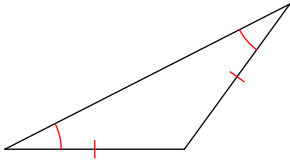
15)



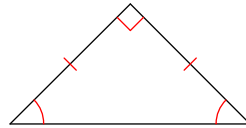
16)



17)



18)



Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

19) acute isosceles

20) right scalene

21) right isosceles

22) right equilateral

23) acute scalene

24) obtuse scalene

25) right obtuse

26) equilateral