

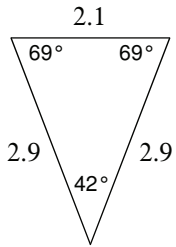
WS 4-1: Classifying Triangles

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Classify each triangle by its sides.

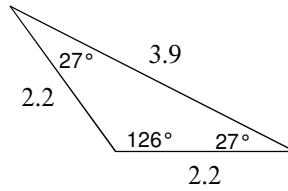
Date _____ Period _____

1)



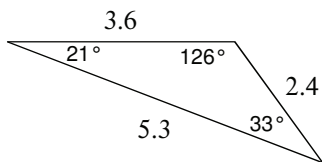
- A) equilateral
B) scalene
C) isosceles

2)



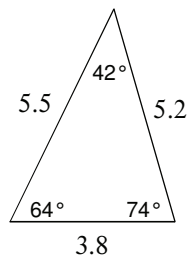
- A) isosceles
B) scalene
C) equilateral

3)



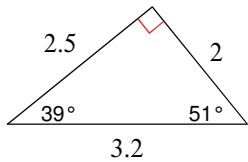
- A) scalene
B) isosceles
C) equilateral

4)



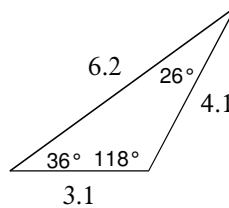
- A) equilateral
B) isosceles
C) scalene

5)



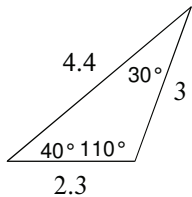
- A) scalene
B) isosceles
C) equilateral

6)



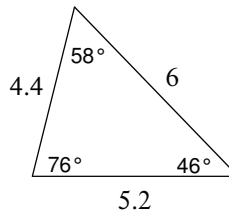
- A) isosceles
B) equilateral
C) scalene

7)



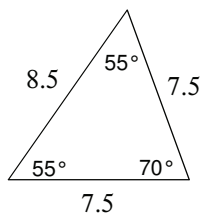
- A) isosceles
B) equilateral
C) scalene

8)



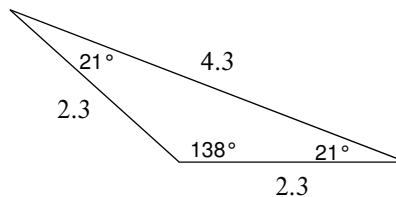
- A) equilateral
B) isosceles
C) scalene

9)



- A) equilateral B) scalene
C) isosceles

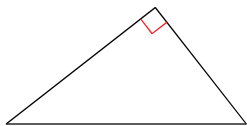
10)



- A) isosceles B) scalene
C) equilateral

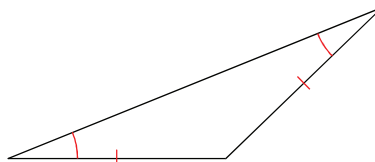
Classify each triangle by its sides. Equal sides and equal angles, if any, are indicated in each diagram.

11)



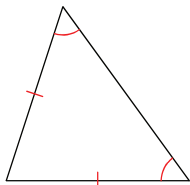
- A) scalene B) equilateral
C) isosceles

12)



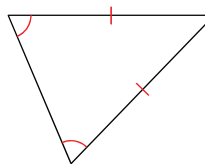
- A) equilateral B) isosceles
C) scalene

13)



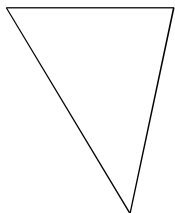
- A) isosceles B) equilateral
C) scalene

14)



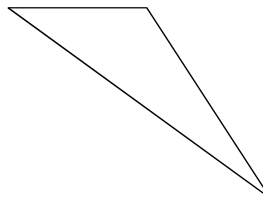
- A) scalene B) equilateral
C) isosceles

15)



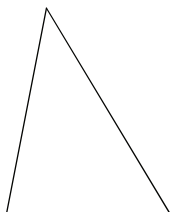
- A) isosceles B) scalene
C) equilateral

16)



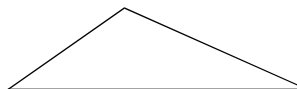
- A) isosceles B) scalene
C) equilateral

17)



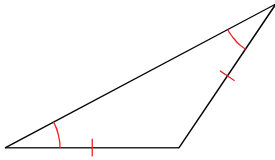
- A) scalene B) isosceles
C) equilateral

18)



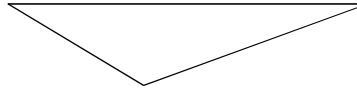
- A) equilateral B) isosceles
C) scalene

19)



- A) scalene B) isosceles
C) equilateral

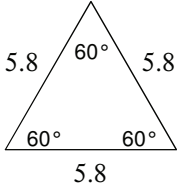
20)



- A) equilateral B) scalene
C) isosceles

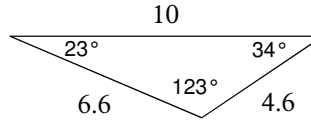
Classify each triangle by its angles.

21)



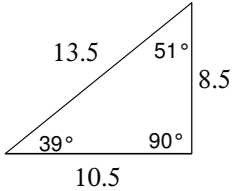
- A) obtuse B) acute
C) equiangular D) right

22)



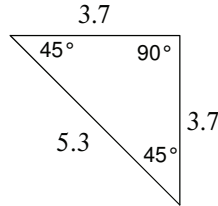
- A) obtuse B) acute
C) equiangular D) right

23)



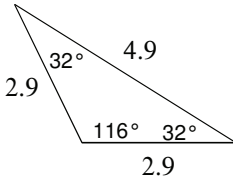
- A) obtuse B) right
C) acute D) equiangular

24)



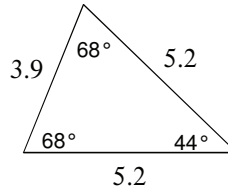
- A) obtuse B) equiangular
C) right D) acute

25)



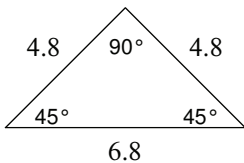
- A) right B) obtuse
C) acute D) equiangular

26)



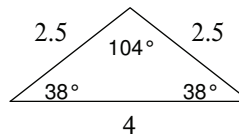
- A) equiangular B) acute
C) obtuse D) right

27)



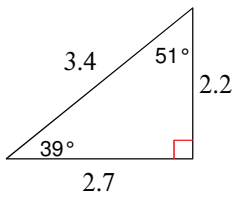
- A) equiangular B) acute
C) obtuse D) right

28)



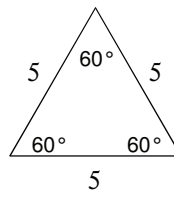
- A) acute B) equiangular
C) obtuse D) right

29)



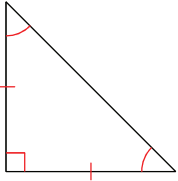
- A) acute B) obtuse
C) right D) equiangular

30)



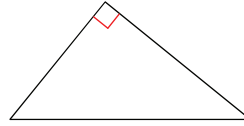
- A) right B) acute
C) equiangular D) obtuse

31)



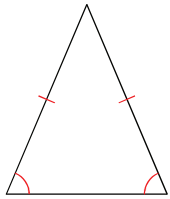
- A) acute B) equiangular
C) obtuse D) right

32)



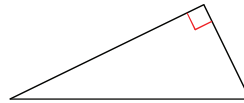
- A) obtuse B) equiangular
C) right D) acute

33)



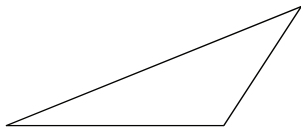
- A) right B) obtuse
C) acute D) equiangular

34)



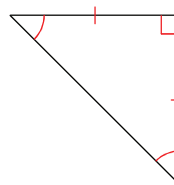
- A) acute B) right
C) equiangular D) obtuse

35)



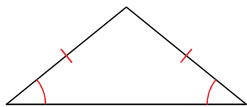
- A) right B) acute
C) obtuse D) equiangular

36)



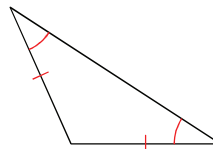
- A) equiangular B) obtuse
C) acute D) right

37)



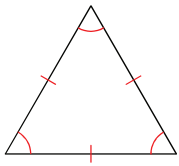
- A) obtuse B) acute
C) equiangular D) right

38)



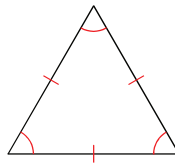
- A) acute B) obtuse
C) right D) equiangular

39)



- A) right B) obtuse
C) acute D) equiangular

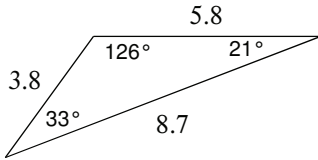
40)



- A) obtuse B) right
C) acute D) equiangular

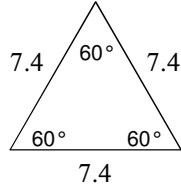
Classify each triangle by its angles and sides.

41)



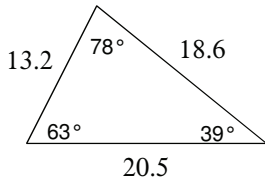
- A) right scalene
B) acute isosceles
C) equilateral
D) obtuse scalene

42)



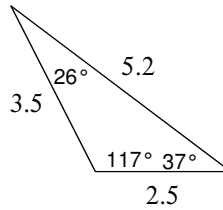
- A) obtuse scalene
B) equilateral
C) right isosceles
D) obtuse isosceles

43)



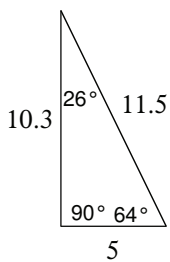
- A) equilateral
B) right isosceles
C) acute scalene
D) right scalene

44)



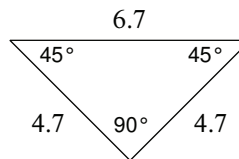
- A) right scalene
B) obtuse scalene
C) acute scalene
D) equilateral

45)



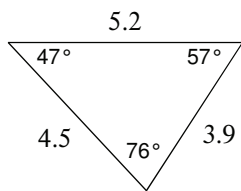
- A) right isosceles
B) equilateral
C) right scalene
D) acute isosceles

46)



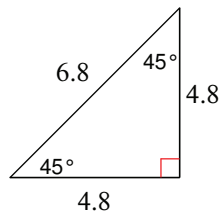
- A) acute isosceles
B) right isosceles
C) right scalene
D) equilateral

47)



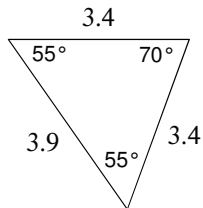
- A) acute scalene
- B) obtuse scalene
- C) acute isosceles
- D) right isosceles

48)



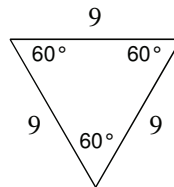
- A) acute isosceles
- B) acute scalene
- C) equilateral
- D) right isosceles

49)



- A) right isosceles
- B) obtuse isosceles
- C) acute isosceles
- D) equilateral

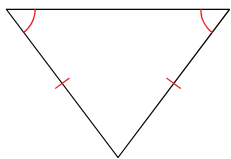
50)



- A) obtuse isosceles
- B) equilateral
- C) right scalene
- D) acute scalene

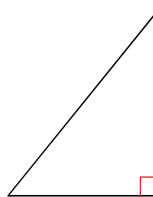
Classify each triangle by its angles and sides. Equal sides and equal angles, if any, are indicated in each diagram.

51)



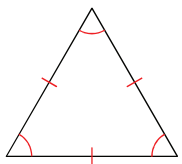
- A) acute isosceles
- B) acute scalene
- C) obtuse scalene
- D) right isosceles

52)



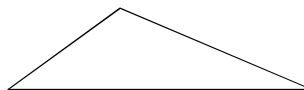
- A) right scalene
- B) acute isosceles
- C) equilateral
- D) right isosceles

53)



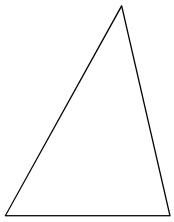
- A) obtuse isosceles
- B) equilateral
- C) right isosceles
- D) acute isosceles

54)



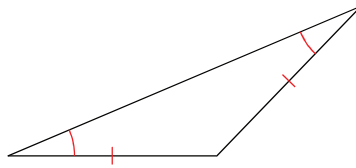
- A) acute isosceles
- B) obtuse scalene
- C) equilateral
- D) obtuse isosceles

55)



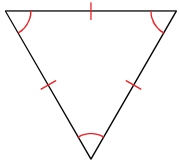
- A) acute isosceles
- B) obtuse isosceles
- C) acute scalene
- D) obtuse scalene

56)



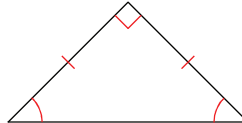
- A) obtuse isosceles
- B) right scalene
- C) acute scalene
- D) acute isosceles

57)



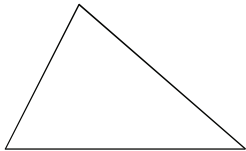
- A) equilateral
- B) acute isosceles
- C) obtuse isosceles
- D) obtuse scalene

58)



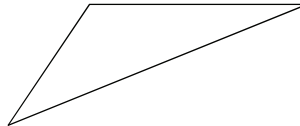
- A) right scalene
- B) obtuse isosceles
- C) acute isosceles
- D) right isosceles

59)



- A) right scalene
- B) acute scalene
- C) obtuse isosceles
- D) right isosceles

60)



- A) right isosceles
- B) right scalene
- C) obtuse scalene
- D) equilateral

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."

61) equilateral

62) scalene isosceles

63) acute isosceles

64) obtuse scalene

65) acute scalene

66) right scalene

67) obtuse equilateral

68) right isosceles