Complete the sentence with *always*, *sometimes*, or *never*.

1. An isosceles triangle is ________________________________ a right triangle.
2. An obtuse triangle is ________________________________ a right triangle.
3. A right triangle is ________________________________ an equilateral triangle.
4. A right triangle is ________________________________ an isosceles triangle.

Classify the triangle by its sides and/or by its angles.

5. ![Triangle with angle 100°]
6. ![Triangle with right angle]
7. ![Triangle with angles 75° and 75°]

A triangle has the given vertices. Graph the triangle and classify it by its sides. Then determine if it is a right triangle.

8. \( A (1, 1), B (4, 0), C (8, 5) \)

Find the value of \( x \). Then classify the triangle by its angles.

9. ![Triangle with angles 2x° and x°]
10. ![Triangle with angles 3x°, 2x°, and 55°]
11. ![Triangle with angles 50° and 70°]
Find the measure of the exterior angle shown.

12. \( (4x + 8)^\circ \)

13. \( 2x^\circ \)

Find the measure of the numbered angles.

14. \( \angle 1 = \) 

15. \( \angle 2 = \) 

16. \( \angle 3 = \) 

17. \( \angle 4 = \) 

Find the values of \( x \) and \( y \).

18. 

19. 

20. 

21. In \( \triangle ABC \), \( \angle A = 2(\angle B) \) and \( \angle C = 3(\angle B) \). Find the measure of each angle.