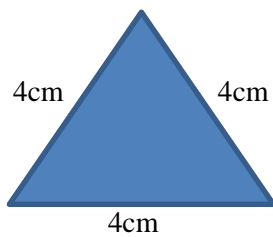


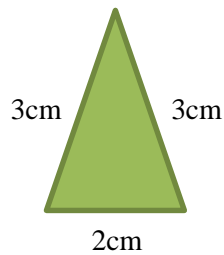
Properties and Types of Triangles

Classify each triangle.

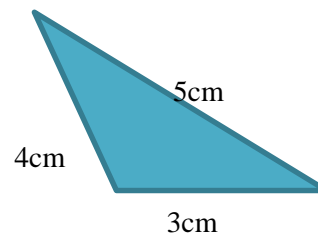
1. Identify if the triangle is isosceles, scalene or equilateral.



A.

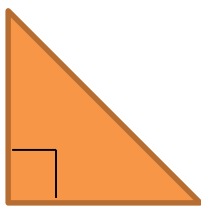


B.

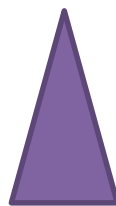


C.

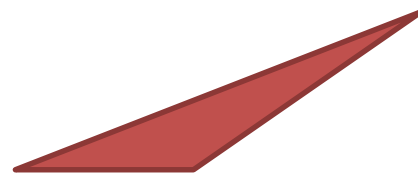
2. Identify if the triangle is acute, obtuse or right.



A.



B.



C.

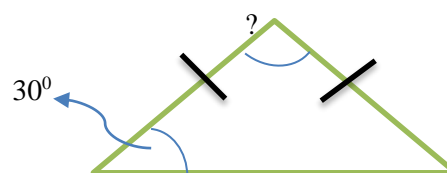
3. An isosceles triangle has sides of $a = 4$ cm and $b + c = 15$ cm. Find the lengths of the other two sides.

Solution:

4. The perimeter of an equilateral triangle is 45 cm. What is the length of each side?

Solution:

5. Solve for the missing angle of each triangle.



6. If you cut a rectangle diagonally, the result is a(n):
- Right triangle
 - Isosceles triangle
 - All of the above
 - None of the above

Properties and Types of Triangles

Answer Key

1.
 - A. Equilateral triangle
 - B. Isosceles triangle
 - C. Scalene triangle
2.
 - A. Right
 - B. Acute
 - C. Obtuse
3. either 7.5cm and 7.5 cm, or 4 cm and 11 cm
4. 15cm
5.
 - A. 40°
 - B. 120°
6. A.

