

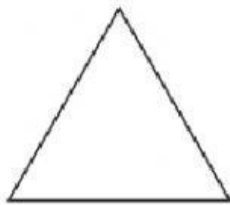
Application_Grade-7_Triangles

Basics of Properties of Triangles

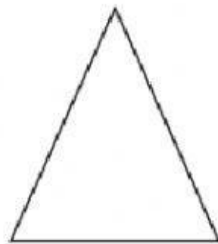
Triangles



Look at these different triangles.



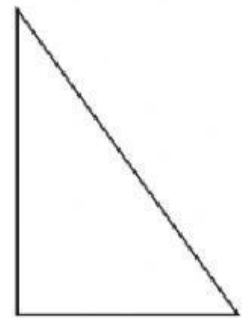
Equilateral
(all sides equal;
is also isosceles)



Isosceles
(two sides equal)

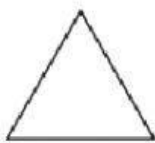


Scalene
(all sides different)



Right angle
(may be isosceles or
scalene, but one angle
must be a right angle)

1



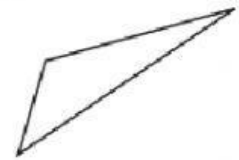
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3



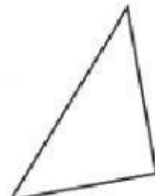
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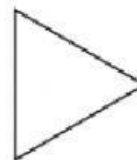
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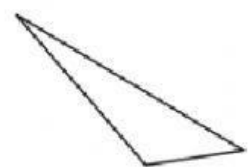
6



7



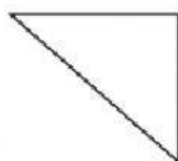
8



9



10



11



12



List the triangles that are:

Equilateral _____

Isosceles _____

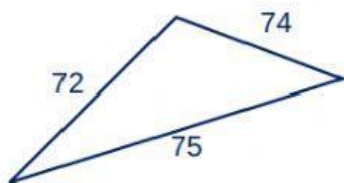
Scalene _____

Right angle _____

Choose correct answer(s) from the given choices

- (1) A triangle has side lengths of 3 meters, 3 meters, and 3 meters. What type of triangle is it?
- a. Equilateral
 - b. Scalene
 - c. Isosceles but not equilateral

- (2) Identify the type of triangle:



- a. Scalene
 - b. Isosceles
 - c. Equilateral
- (3) A triangle has side lengths of 6 meters, 8 meters, and 8 meters. Is it a scalene triangle?
- a. No
 - b. Yes



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- (4) A triangle has side lengths of 6 meters, 9 meters, and 2 meters. Is it an equilateral triangle?
a. No b. Yes
- (5) A triangle has side lengths of 4 meters, 3 meters, and 3 meters. Is it an isosceles triangle?
a. No b. Yes
- (6) A triangle has side lengths of 5 meters, 8 meters, and 8 meters. Is it a scalene triangle?
a. No b. Yes
- (7) A triangle has side lengths of 7 meters, 5 meters, and 9 meters. Is it an isosceles triangle?
a. No b. Yes