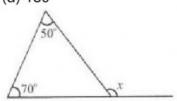
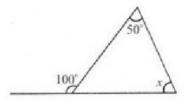
Multiple Choice Questions (MCQs)

- 1. How many medians a triangle can have?
 - (a) 2
 - (b) 1
 - (c) 3
 - (d) 0
 - 2. A/an connect a vertex of a triangle to the mid point of the opposite side.
 - (a) altitude
 - (b) median
 - (c) vertex
 - (d) none of these
 - 3. How many altitude can a triangle have?
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
 - 4. Find the value of x in the adjoining figure.
 - (a) 50°
 - (b) 70°
 - (c) 120°
 - (d) 180°



- 5. Find the value of x
- (a) 60°
- (b) 110°
- (c) 50°
- (d) 180°



6. A triangle in which two sides are of equal lengths is called

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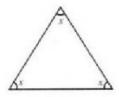
- (a) Equilateral
- (b) Isosceles
- (c) Scalene
- (d) Acute angled triangle

7. In the Pythagoras property, the triangle must be

- (a) acute angled
- (b) right angled
- (c) obtuse angled
- (d) none of these

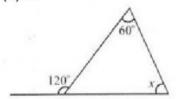
8. Find the value of x in this figure.

- (a) 40°
- (b) 60°
- (c) 35°
- (d) 180°



9. Find the value of x in given figure.

- (a) 180°
- (b) 55°
- (c) 90°
- (d) 60°



10. A triangle in which all three sides are of equal lengths is called

- (a) Equilateral
- (b) Isosceles
- (c) Scalene
- (d) Acute angled triangle
- 11. ^+ ABC is right-angled at C. If AC = 5 cm and BC = 12 cm find the length of AB.
- (a) 7 cm
- (b) 17cm
- (c) 13 cm
- (d) none of these
- 12. PQR is a triangle right angled at P. If PQ = 3 cm and PR = 4 cm, find QR.
- (a) 7 cm
- (b) 17 cm
- (c) 13 cm
- (d) none of these.
- 13. Which is the longest side in the triangle PQR right angled at P?
- (a) PQ
- (b) QR
- (c) PR
- (d) none of these.
- 14. Which is the longest side in the triangle ABC right angled at B?
- (a) AB
- (b) BC
- (c) AC
- (d) none of these.
- 15. Which is the longest side of a right triangle?
- (a) perpendicular
- (b) base
- (c) hypotenuse
- (d) none of these.

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16. In a ^+ ABC, ^ A = 35° and ^ B = 65°, then the measure of ^ C is:
(a) 50°
(b) 80°
(c) 30°
(d) 60°
17. The hypotenuse of a right triangle is 17 cm long. If one of the remaining two sides is 8 cm in length, then the length of the other side is:
(a) 15 cm
(b) 12 cm
(c) 13 cm
(d) none of these.
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- 18. How many acute angles can a right triangle have?
 (a) 1
- (b) 2
- (c) 3
- (d) 0
- 19. The acute angles of right triangle are in the ratio 2 : 1. Find the measure of each of these angles.
- (a) 55° and 35°
- (b) 60° and 30°
- (c) 50° and 40°
- (d) 45° and 45°
- 20. One of the angles of a triangle is 100* and the other two angles are equal. Find the measure of each of these equal angles.
- (a) 45°
- (b) 40°
- (c) 41°
- (d) 42°