Triangles : Worksheet -2

1. The ratio of the areas of two similar triangles is 9 : 25. The ratio of corresponding medians is _ _ _ _ _ _ _ _ _ _

2. The height of an equilateral triangle whose side is 'a' is _ _ _ _ _ _ _ _ _

3. The diagonal of a square of length 'a' is _ _ _ _ _ _ _ _ _ _ _

4. If ΔABC~ΔPQR, then $\overline{AB} : \overline{AC}$ = _ _ _ _ _ _ _ _ _ _

5. The point of intersection of the medians of triangle is called _ _ _ _ _ _ _

6. If the bisector of an angle of a triangle bisects the opposite side then the triangle is _ _ _ _ _ _ _ _ _ _ _ _

7. Opposite angles of a cyclic quadrilateral are _ _ _ _ _ _ _ _ _ _

8. The angle subtended by the semi-circle at the centre is _ _ _ _ _ _ _ _ _ _

9. The perpendicular bisectors of two non-parallel chords are intersecting at _ _ _ _

10. Basic Proportionality theorem is also known as _ _ _ _ _ _ _ _ _ _ theorem.

Grade - 10