Understanding Quadrilaterals: Worksheet -5

1. A line segment, which joins two opposite vertices of a quadrilateral, is called a _ _ _ _ _ _ _ of the quadrilateral.

2. The sum of the four angles of a quadrilateral is _ _ _ _ _ _ _ _

3. The diagonal QS of a quadrilateral PQRS divides it into two triangles which are __ _ _

4. The number of diagonals in a quadrilateral is _ _ _ _ _ _ _ _

5. A diagonal of a quadrilateral divides it into two _ _ _ _ _ _ _ _ _

6. If all angles of a quadrilateral are equal each angle is _ _ _ _ _ _ _ _

7. A quadrilateral in which a pair of opposite sides are parallel is called a

   _ _ _ _ _ _ _ _

8. In a quadrilateral ABCD, $\angle A = 80^0$, $\angle B = 110^0$, $\angle C = 70^0$ and $\angle D$ $=100^0$. It is a _ _ _ _ _ _ _

9. ABCD is quadrilateral in which $\angle A = \angle C$ and $\angle B = \angle D$. It is a _ _ _ _ _

10. A _ _ _ _ _ _ _ _ is a parallelogram in which one angle is a right angle.

11. A _ _ _ _ _ _ _ _ is a parallelogram in which a pair of adjacent sides are equal.

12. A _ _ _ _ _ _ _ _ is a rhombus in which one angle is right angle.

13. A _ _ _ _ _ _ _ _ is a rectangle in which a pair of adjacent sides are equal.

14. The diagonals of a parallelogram ABCD intersect at O. Then _ _ _ _ _

15. The diagonals of a quadrilateral ABCD intersect at O such that OA = OB = OC = OD. Then it must be _ _ _ _ _ _ _ _ _