Quadrilateral Worksheet – 1

1. A quadrilateral has _____ sides.

a) 3   b) 4

c) 5   d) 6

2. A quadrilateral has _____ angles.

a) 3   b) 5

c) 4   d) 6

3. A quadrilateral has _____ diagonals.

a) 1   b) 2

c) 3   d) 4

4. A quadrilateral has _____ vertices.

a) 1   b) 2

c) 3   d) 4

5. The sum of the angles of a quadrilateral is _____.

a) 180°   b) 120°

c) 360°   d) 450°

6. Two diagonals of a quadrilateral is always equal. Mark True / False.

a) True   b) False

7. Diagonals of a quadrilateral always bisects each other by half. Mark True / False.

a) True   b) False

8. The diagonals of each of the following intersect at right angles except _____.

a) Kite   b) Rhombus

c) Square   d) Rectangle

9. Diagonals of each of the following bisect each other except _____.

a) Kite   b) Rhombus

c) Square   d) Rectangle

10. Diagonals are equal in each of the following except _____.

a) Isosceles trapezium   b) Rhombus

c) Square   d) Rectangle

11. The sum of the angles of a quadrilateral is _____ right angles.

a)   2

b)   3

c)   4

d)   5

12. The measure of each angle of a convex quadrilateral is less than 180°. Mark True / False.

a)   True

b)   False

13. In a quadrilateral the point of intersection of the diagonal lies in the exterior of the quadrilateral. Mark True / False.

a)   True

b)   False

14. A quadrilateral has all it's four angles of the same measure. What is the measure of each angle?

a)   60°

b)   120°

c)   90°

d)   150°

15. A quadrilateral has three acute angles each measure 65°. What is the measure of the fourth angle?

a)   60°

b)   120°

c)   90°

d)   165°

16. The three angles of a quadrilateral are same. Fourth angle is of measure 120°. What is the measure of equal angles.

a)   60°

b)   120°

c)   80°

d)   125°

17. If the sum of two angles of a quadrilateral is 240°. What is the sum of the remaining two angles?

a)   160°

b)   120°

c)   180°

d)   125°

18. The three angles of a quadrilateral are 120°, 75°, and 40°. Find the fourth angle of a quadrilateral.

a)   160°

b)   120°

c)   180°

d)   125°

19. How many pairs of adjacent angles are there in a quadrilateral?

a)   2

b)   3

c)   4

d)   5

20. How many pairs of opposite angles are there in a quadrilateral?

a)   2

b)   3

c)   4

d)   5