

Rhombus Worksheet – 1

1. Rhombus has two pairs of parallel sides. Mark True / False.

- [illegible]

2. Rhombus is not a parallelogram. Mark True / False.

- [illegible]

3. Rhombus two angles are right angle. Mark True / False.

- [illegible]

4. Rhombus diagonals bisect each other. Mark True / False.

- [illegible]

5. Rhombus can be a rectangle. Mark True / False.

- a) True b) False

6. Rhombus can be a square. Mark True / False.

- a) True b) False

7. Rhombus is a quadrilateral. Mark True / False.

- a) True b) False

8. Rhombus diagonals are equal and perpendicular. Mark True / False.

- a) True b) False

9. Sum of all the angles of a rhombus is equal to 360° . Mark True / False.

- a) True b) False

10. Sum of adjacent angles of a rhombus is equal 270° . Mark True / False.

- a) True b) False

11. All sides of a rhombus is equal. Mark True / False.

- a) True b) False

12. Opposite angles of a rhombus is not always equal. Mark True / False.

- a) True b) False

13. If the adjacent sides of a parallelogram are equal, then the parallelogram is a _____.

- | | |
|--------------|--------------|
| a) Rectangle | b) Square |
| c) Rhombus | d) Trapezium |

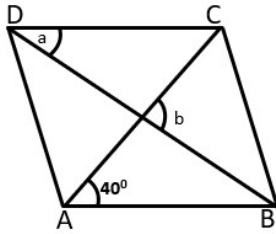
14. If the adjacent angles of a parallelogram are equal, then the parallelogram is a _____.

- a) Rectangle
- b) Square

c) Trapezium

d) Rhombus

15. In the below given figure, ABCD is a rhombus. Then $(b - a)$ is equal to _____.



a) 20°

b) 30°

c) 40°

d) 50°

16. In a rhombus ABCD, $\angle A + \angle B = p^\circ$ and $\angle A - \angle C = q^\circ$. Find the value of p and q.

a) $p = 90^\circ, q = 0^\circ$

b) $p = 0^\circ, q = 90^\circ$

c) $p = 180^\circ, q = 0^\circ$

d) $p = 270^\circ, q = 90^\circ$

17. Two diagonals are not necessarily equal in a _____.

a) Rectangle

b) Square

c) Rhombus

d) None of these

18. ABCD is a rhombus, If $\angle BCA = 40^\circ$, find the measure of $\angle ADC$.

a) 120°

b) 130°

c) 140°

d) 100°

19. The diagonals bisect the interior angles at the vertices in a _____.

a) Rectangle

b) Rhombus

c) Parallelogram

d) None of these

20. The diagonals of a rhombus bisect each other at _____ angles.

a) 60°

b) 120°

c) 90°

d) 110°