VIDYA SHREE ACADEMY
SR. SEC. SCHOOL
An English Medium Co.Ed. School | Science & Commerce

VSA
A Real English Medium School
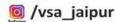
Little Steps
Pre Primary wing of VSA

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Subject: Maths   Class: 8   Topic: Exponents and Powers

Watch video #12 & 13 and solve the following exercise:

EXERCISE 13.5

Use **Cordova Smart Class Software** on the **smart board** in class to do Exercise.

1. Construct a parallelogram PQRS in which PQ = 5 cm, QR = 6 cm and ∠PQR = 80°.

2. Construct a rectangle ABCD, such that AB = 6 cm and BC = 5.5 cm.

3. Construct a rhombus the length of whose diagonals are 6 cm and 7 cm.

4. Construct a rhombus with sides 5 cm and one of its angle equal to 65°.

5. Construct a rectangle MNPQ, in which MN = 5.2 cm and diagonal MP = 7.3 cm.

6. Construct a parallelogram whose one side is 6.2 cm and whose diagonals are 7 cm and 7.6 cm.

7. Construct a parallelogram MNPQ, in which MP = 3.8 cm, NQ = 4.5 cm and the angle between MP and NQ is 60°.

8. Construct a rhombus ABCD, in which AB = 4.5 cm and diagonal AC = 6 cm.

9. Construct a trapezium PQRS, in which PQ ∥ SR, PQ = 6 cm, QR = 5 cm, PS = 6.5 cm and ∠PQR = 60°.

10. Construct a parallelogram ABCD, in which AB = 5.5 cm and BC = 4.5 cm

11. Construct a square PQRS each of whose diagonals is 6.2 cm.

12. Construct a parallelogram ABCD, where AB = 3.6 cm, BC = 4.2 cm and AC = 6.5 cm.

13. Construct a kite PQRS, where QS = 8 cm, PS = 4.5 cm and RS = 6 cm.