

HREE ACADE





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Subject: Maths

Class: 8

Topic: Exponents and Powers

Watch video #13 and solve the following exercise:

EXERCISE 13.3

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

- Construct a quadrilateral ABCD with sides AB = 3.5 cm, BC= 5 cm, CD = 4.2 cm, ∠A = 110° and ∠B = 80°
- 2. Construct a quadrilateral ABCD, given that AB = 4 cm, CD = 4.5 cm, AD = 5 cm, \angle A = 70° and \angle D = 120°.
- 3. Construct a quadrilateral ABCD, given that AB = 4 cm, BC = 5.2 cm, CD = 6 cm, \angle B = 105° and \angle C = 80°.
- 4. Construct a quadrilateral TRUE, TR = 4 cm, RU = 5 cm, UE = 4.5 cm, \angle R = 60° and \angle U = 90°.

EXERCISE 13.4

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

- Construct a quadrilateral ABCD, given that AB = 5.5 cm, AD = 3 cm, ∠A = 70°, ∠B = 95° and ∠C = 80°.
- Construct a quadrilateral ABCD, such that AB = 4 cm, BC = 6 cm, ∠A = 75°, ∠B = 105° and ∠C = 120°.
- 3. Construct a quadrilateral ABCD, given that AB = 4.5 cm, BC = 3 cm, $\angle A = 75^{\circ}$, $\angle B = 80^{\circ}$ and $\angle C = 120^{\circ}$.
- Construct a quadrilateral PORS, where PQ = 4 cm, QR = 5 cm, ∠P = 60°, ∠Q = 100° and ∠R = 75°.