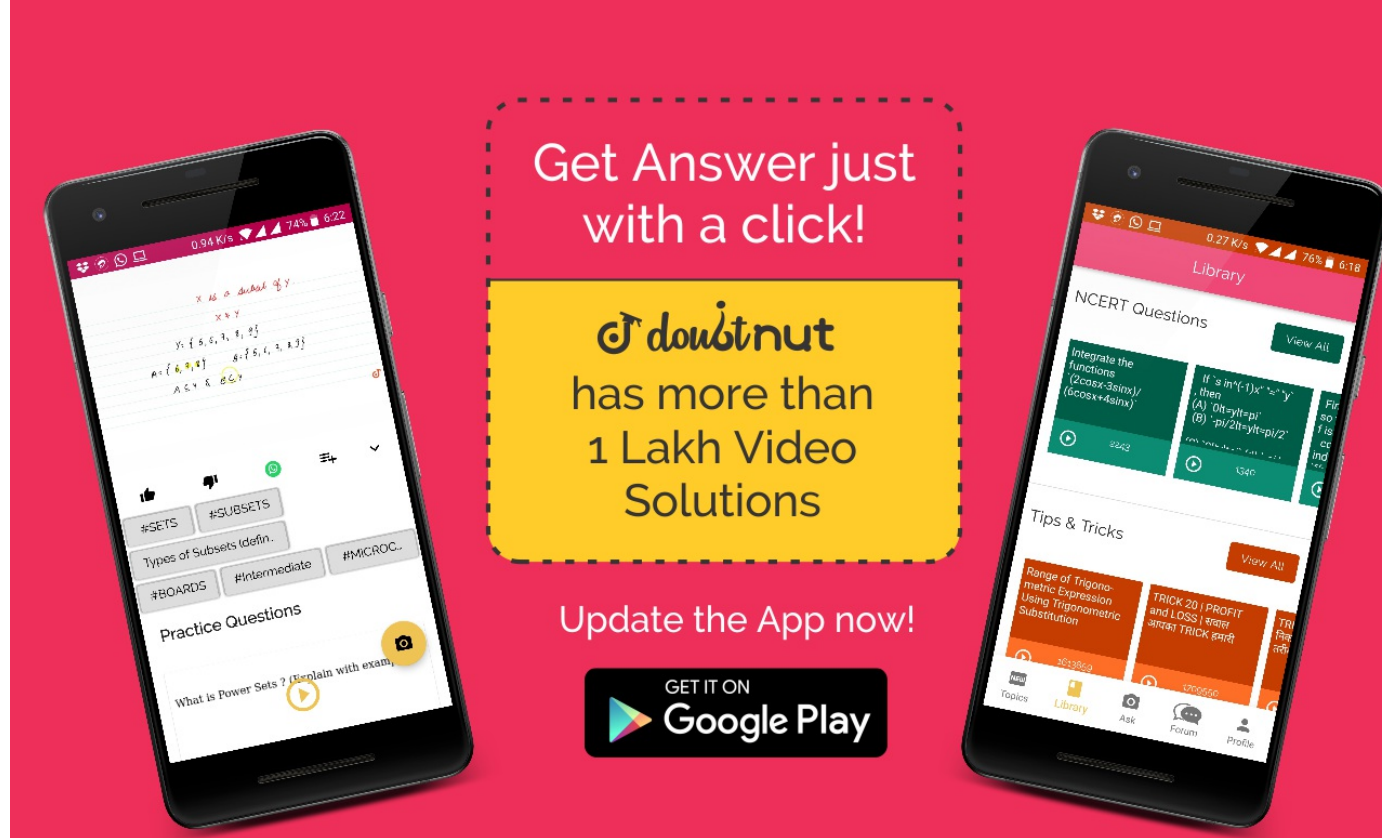


Ques No.	Question
1	<p>NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.1 - Q 1</p> <p>Use the figure to name : (a) Five points (b) A line (c) Four rays (d) Five line segments</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
2	<p>NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.1 - Q 2</p> <p>Name the line given in all possible (twelve) ways, choosing only two letters at a time from the four given.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
3	<p>NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.1 - Q 3</p> <p>Use the figure to name : (a) Line containing point E. (b) Line passing through A. (c) Line on which O lies (d) Two pairs of intersecting lines</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
4	<p>NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.1 - Q 4</p> <p>How many lines can pass through (a) one given point? (b) two given points?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
5	<p>NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.1 - Q 5</p> <p>Draw a rough figure and label suitably in each of the following cases: (a) Point p lies on AB. (b) XY and PQ intersect at M. (c) Line l contains E and F but not D. (d) OP r and OQ meet at O</p> <p>▶ Watch Free Video Solution on Doubtnut</p>



6

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.1 - Q 6

Consider the following figure of line MN. Say whether following statements are true or false in context of the given figure. (a) Q, M, O, N, P are points on the line MN. (b) M, O, N are points on a line segment MN. (c) M and N are end points of line segment MN. (d) O and N are end points of line segment OP. (e) M is one of the end points of line segment QO. (f) M is point on ray OP. (g) Ray OP is different from ray QP. (h) Ray OP is same as ray OM. (i) Ray OM is not Opposite to ray OP. (j) O is not an initial point of OP. (k) N is the initial point of NP and NM.

[▶ Watch Free Video Solution on Doubt nut](#)

7

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.2 - Q 1

Classify the following curves as (i) Open or (ii) Closed.

[▶ Watch Free Video Solution on Doubt nut](#)

8

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.2 - Q 2

Draw rough diagrams to illustrate the following : (a) Open curve (b) Closed curve.

[▶ Watch Free Video Solution on Doubt nut](#)

9

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.2 - Q 3

Draw any polygon and shade its interior.

[▶ Watch Free Video Solution on Doubt nut](#)

10

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.2 - Q 4

Consider the given figure and answer the questions : (a) Is it a curve? (b) Is it closed?

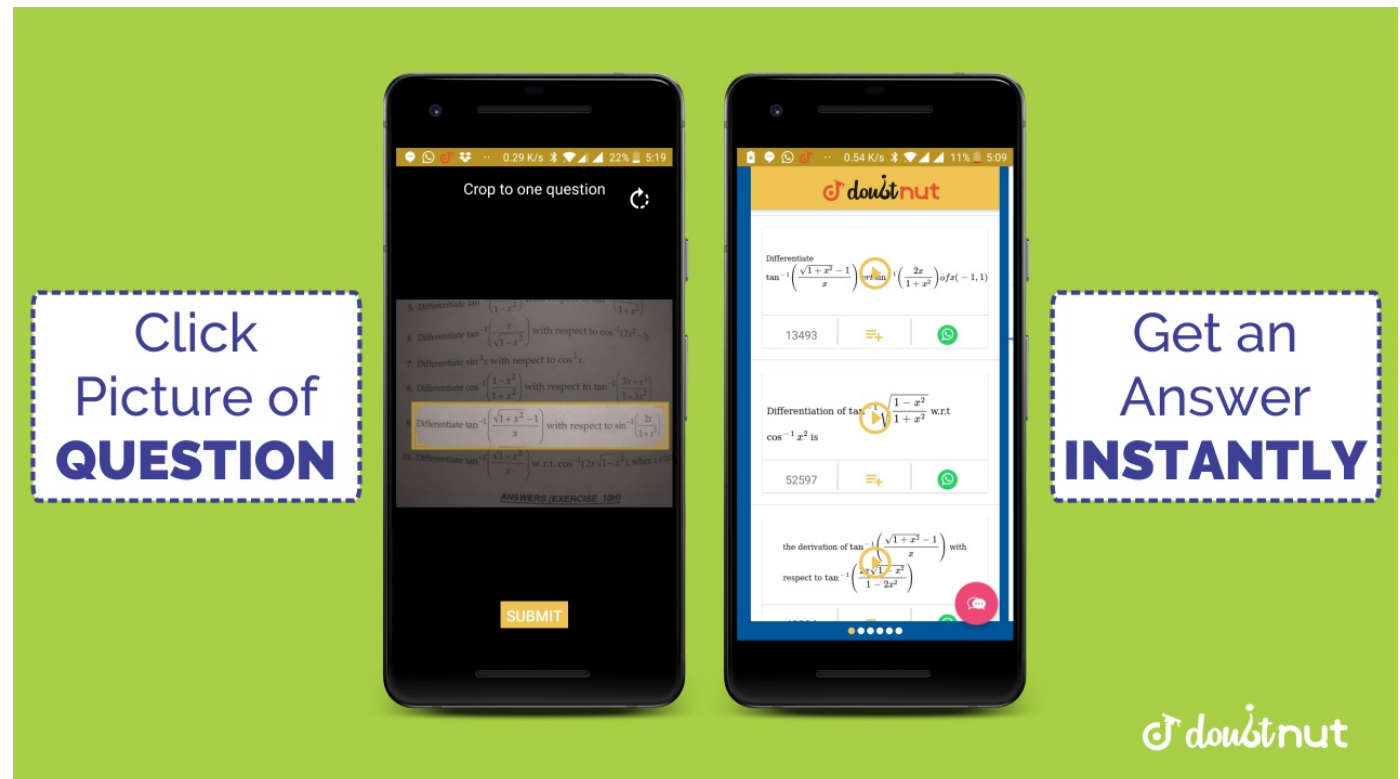
[▶ Watch Free Video Solution on Doubtnut](#)

11

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.2 - Q 5

Illustrate, if possible, each one of the following with a rough diagram: (a) A closed curve that is not a polygon. (b) An open curve made up entirely of line segments. (c) A polygon with two sides.

[▶ Watch Free Video Solution on Doubtnut](#)



12

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.3 - Q 1

Draw a rough sketch of a triangle ABC. Mark a point P in its interior and a point Q in its exterior. Is the point A in its exterior or in its interior?

[▶ Watch Free Video Solution on Doubtnut](#)

13

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.3 - Q 2

(a) Identify three triangles in the figure. (b) Write the names of seven angles. (c) Write the names of six line segments. (d) Which two triangles have $\angle B$ as common?

[▶ Watch Free Video Solution on Doubtnut](#)

14

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.3 - Q 3

Draw rough diagrams of two angles such that they have a) One point in common. (b) Two points in common. (c) Three points in common. (d) Four points in common. (e) One ray in common

[▶ Watch Free Video Solution on Doubtnut](#)

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.5 -

15

Q1

Draw a rough sketch of a quadrilateral PQRS. Draw its diagonals. Name them. Is the meeting point of the diagonals in the interior or exterior of the quadrilateral?

[▶ Watch Free Video Solution on Doubtnut](#)

16

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.5 - Q 2

Draw a rough sketch of a quadrilateral KLMN. State, (a) two pairs of opposite sides, (b) two pairs of opposite angles, (c) two pairs of adjacent sides, (d) two pairs of adjacent angles.

[▶ Watch Free Video Solution on Doubtnut](#)

17

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.6 - Q 1

From the figure, identify : (a) the centre of circle (b) three radii (b) a diameter (d) a chord (e) two points in the interior (f) a point in the exterior (g) a sector (h) a segment

[▶ Watch Free Video Solution on Doubtnut](#)



Get Solutions as YOU TYPE

Click Here to TYPE & ASK

18

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.6 - Q 2

(a) Is every diameter of a circle also a chord? (b) Is every chord of a circle also a diameter?

[▶ Watch Free Video Solution on Doubtnut](#)

19

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.6 - Q 3

Draw any circle and mark (a) its centre (b) a radius (c) a diameter (d) a sector (e) a segment (f) a point in its interior (g) a point in its exterior (h) an arc

[▶ Watch Free Video Solution on Doubtnut](#)

NCERT - CLASS 6 - CHAPTER 4 BASIC GEOMETRICAL IDEAS - EXERCISE 4.6 - Q 4

Say true or false : (a) Two diameters of a circle will necessarily intersect. (b) The centre of a circle is always in its interior.

[▶ Watch Free Video Solution on Doubtnut](#)

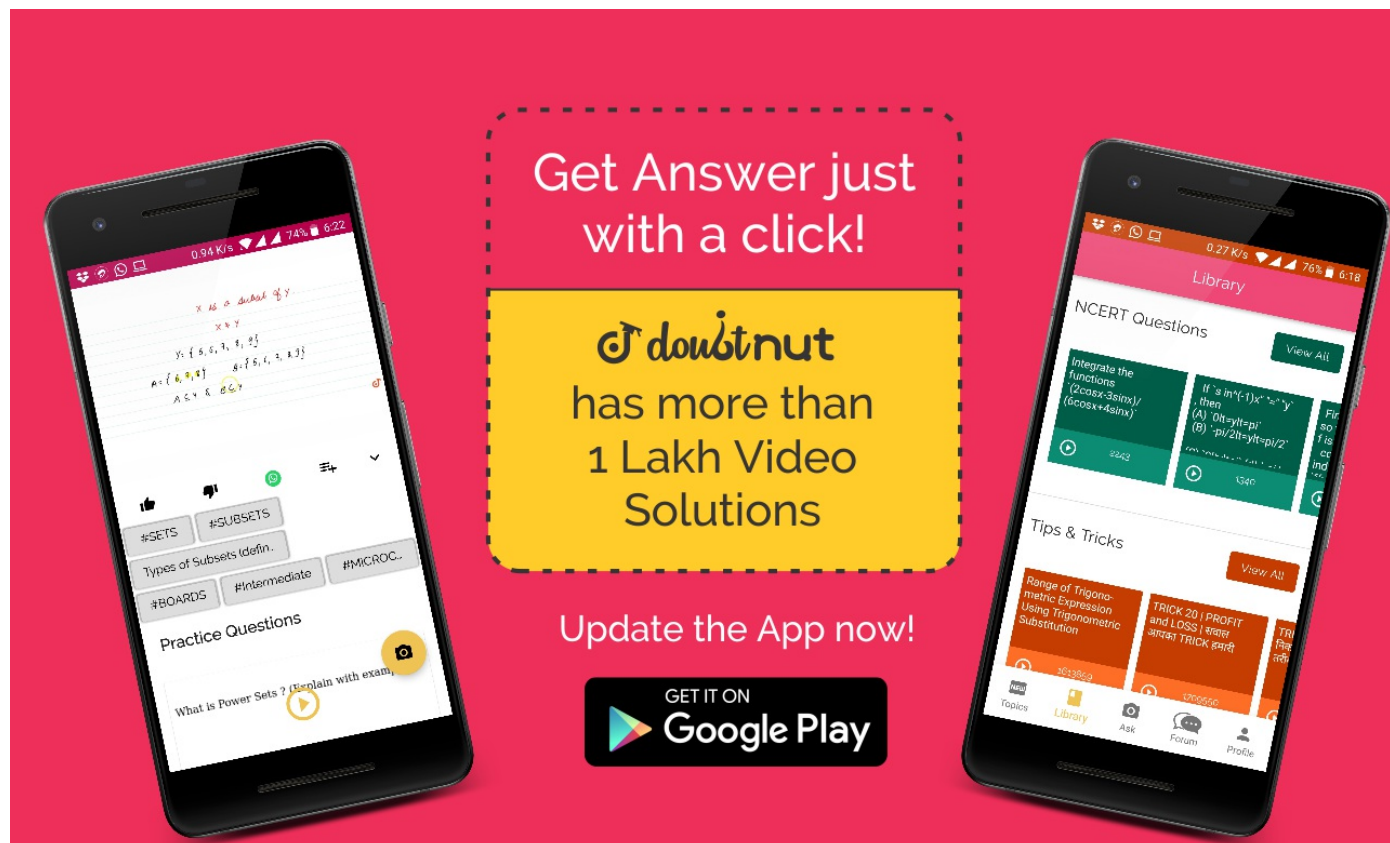
[▶ Download Doubtnut to Ask Any Math Question By just a click](#)

[▶ Get A Video Solution For Free in Seconds](#)

[▶ Doubtnut Has More Than 1 Lakh Video Solutions](#)

[▶ Free Video Solutions of NCERT, RD Sharma, RS Aggarwal, Cengage \(G.Tewani\), Resonance DPP, Allen, Bansal, FIITJEE, Akash, Narayana, VidyaMandir](#)

[▶ Download Doubtnut Today](#)



Get Answer just with a click!

doubtnut has more than 1 Lakh Video Solutions

Update the App now!

GET IT ON Google Play

The advertisement features two smartphones. The left phone displays a math problem involving sets: $X = \{1, 2, 3, 4, 5\}$, $Y = \{3, 4, 5, 6, 7\}$, and $Z = \{1, 2, 3, 4, 5, 6, 7\}$. Below the problem are tags for #SETS, #SUBSETS, #BOARDS, and #Intermediate. The right phone shows a 'Library' screen with 'NCERT Questions' and 'Tips & Tricks' sections. A central yellow box contains the text 'doubtnut has more than 1 Lakh Video Solutions'. Below this box is a 'Google Play' button with the text 'GET IT ON Google Play' and 'Update the App now!'.