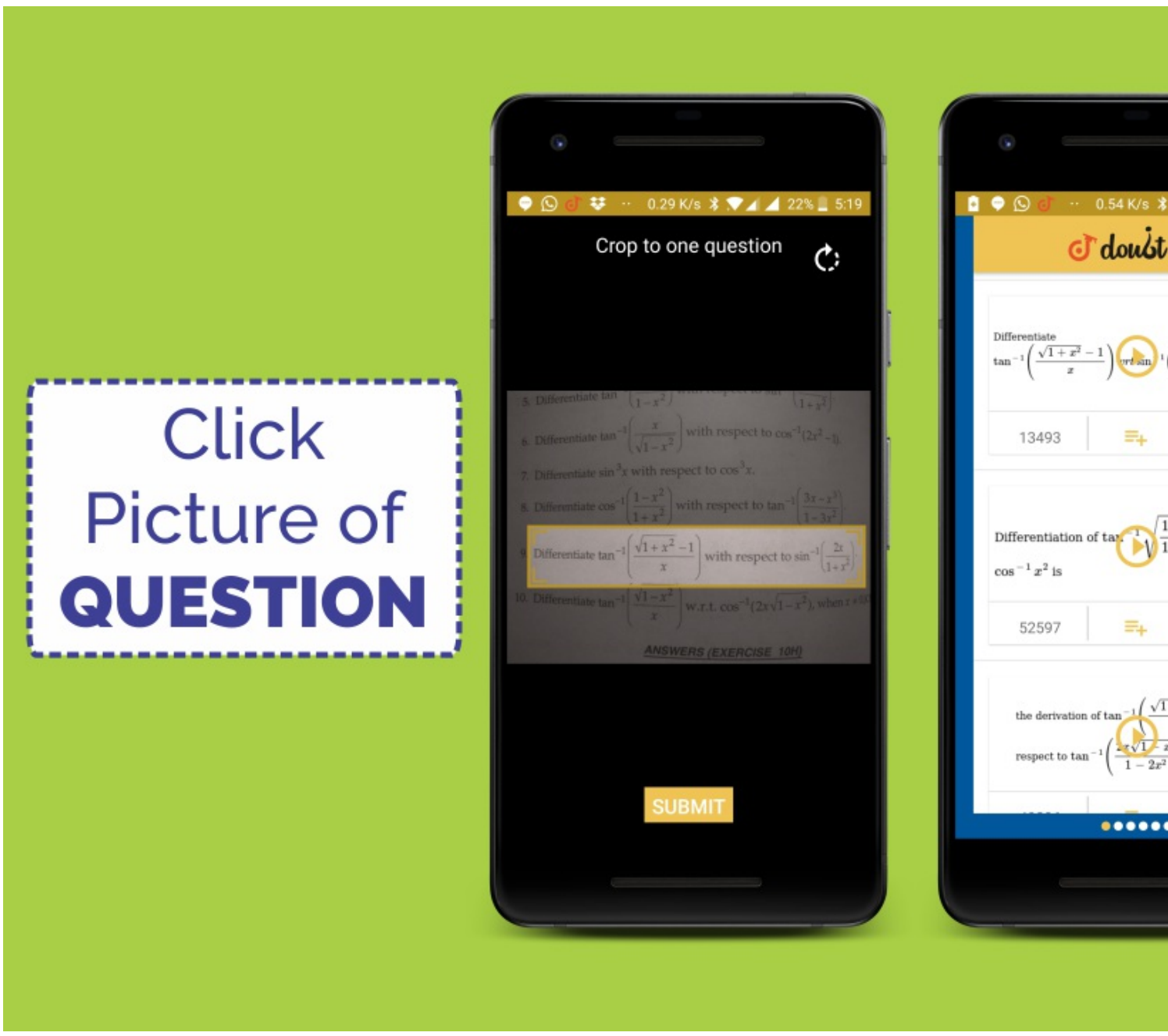
NCERT MATHS SOLUTIONS

Class - 7 || SYMMETRY

Ques No.	Question
1	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 1** Copy the figures with punched holes and find the axes of symmetry for the following:
2	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 2** Given the line(s) of symmetry, find the other hole(s):
3	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 3** In the following figures, the mirror line (i.e., the line of symmetry) is given as a dotted l dotted (mirror) line. (You might perhaps place a mirror along the dotted line and look in name of the figure you complete?
4	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 4** The following figures have more than one line of symmetry. Such figures are said to hav symmetry, if any, in each of the following figures:
5	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 5** Copy the figure given here. Take any one diagonal as a line of symmetry and shade a fe diagonal. Is there more than one way to do that? Will the figure be symmetric about both th

6	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 6** Copy the diagram and complete each shape to be symmetric about the mirror line(s): Watch Free Video Solution on Doubtnut
7	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 8** What letters of the English alphabet have reflectional symmetry (i.e., symmetry related horizontal mirror (c) both horizontal and vertical mirrors Watch Free Video Solution on Doubtnut
8	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 9** Give three examples of shapes with no line of symmetry. Watch Free Video Solution on Doubtnut
9	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 10** What other name can you give to the line of symmetry of (a) an isosceles triangle? (b) a ci Watch Free Video Solution on Doubtnut
	NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.2 - Q 1

10	Which of the following figures have rotational symmetry of order more than 1: Watch Free Video Solution on Doubtnut
11	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.2 - Q 2** Give the order of rotational symmetry for each figure: Watch Free Video Solution on Doubtnut
	
12	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 1** Name any two figures that have both line symmetry and rotational symmetry. Watch Free Video Solution on Doubtnut
13	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 2** Draw, wherever possible, a rough sketch of (i) a triangle with both line and rotational symm symmetry and no rotational symmetry of order more than 1. (iii) a quadrilateral with a ro symmetry. (iv) a quadrilateral with line symmetry but not a rotational symmetry of order mo Watch Free Video Solution on Doubtnut
14	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 3** If a figure has two or more lines of symmetry, should it have rotational symmetry of order m Watch Free Video Solution on Doubtnut

15	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 4** Fill in Watch Free Video Solution on Doubtnut
16	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 5** Name the quadrilaterals which have both line and rotational symmetry of order more than Watch Free Video Solution on Doubtnut
17	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 6** After rotating by 60° about a centre, a figure looks exactly the same as its original position. Watch Free Video Solution on Doubtnut
18	**NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 7** Can we have a rotational symmetry of order more than 1 whose angle of rotation is (i) 45° Watch Free Video Solution on Doubtnut