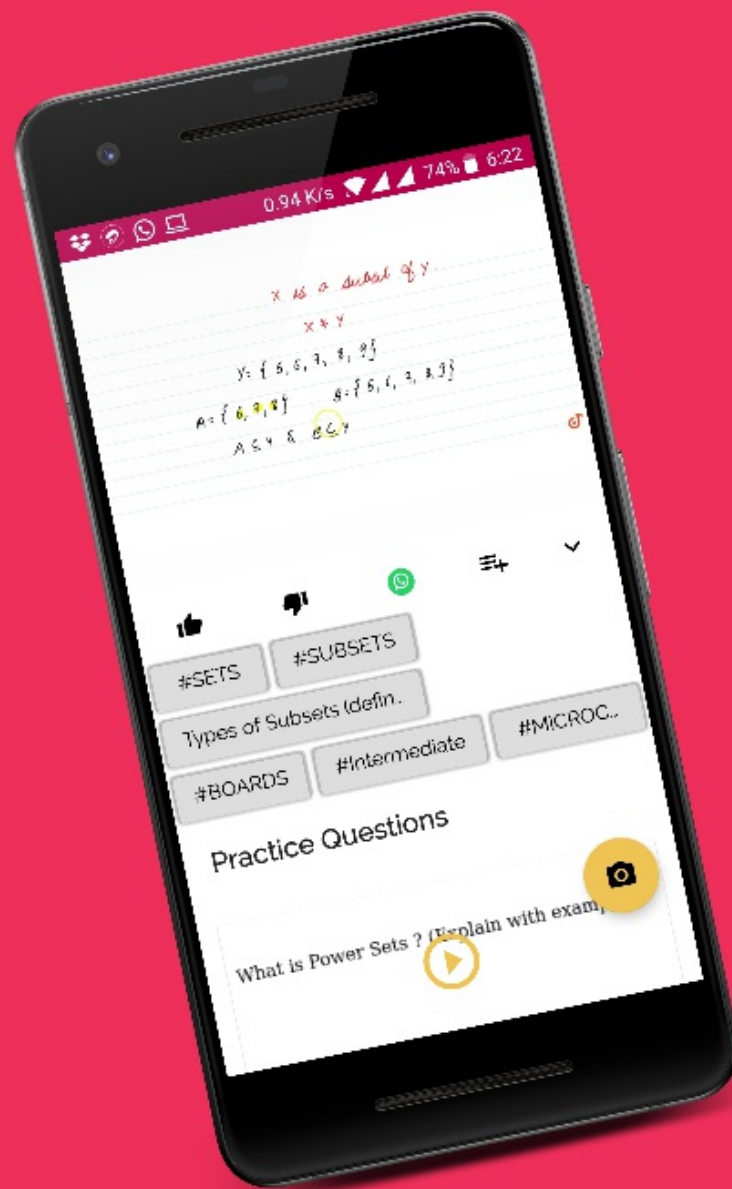


Ques No.	Question
1	<p>NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 1</p> <p>Copy the figures with punched holes and find the axes of symmetry for the following:</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
2	<p>NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 2</p> <p>Given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



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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):

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 8

What letters of the English alphabet have reflectional symmetry (i.e., symmetry related to horizontal mirror (c) both horizontal and vertical mirrors

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.1 - Q 9

Give three examples of shapes with no line of symmetry.

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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 circle?

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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:

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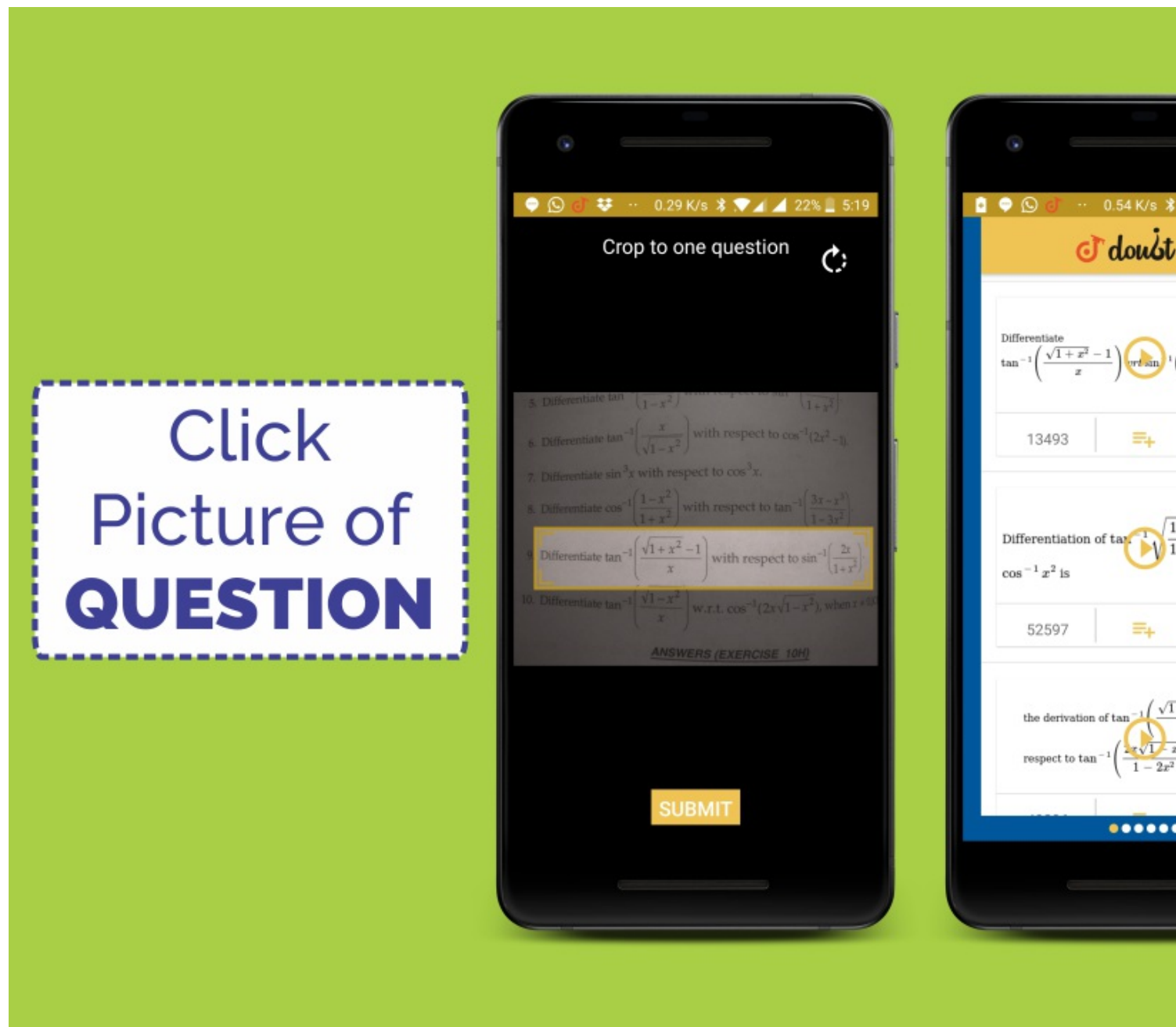
11

NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.2 - Q 2

Give the order of rotational symmetry for each figure:

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 1

Name any two figures that have both line symmetry and rotational symmetry.

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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 symmetry and no rotational symmetry of order more than 1. (iii) a quadrilateral with a rotational symmetry of order more than 1. (iv) a quadrilateral with line symmetry but not a rotational symmetry of order more than 1.

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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 more than 1?

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 4

15

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 5

16

Name the quadrilaterals which have both line and rotational symmetry of order more than

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 6

17

After rotating by 60° about a centre, a figure looks exactly the same as its original position.

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NCERT - CLASS 7 - CHAPTER 14 SYMMETRY - EXERCISE 14.3 - Q 7

18

Can we have a rotational symmetry of order more than 1 whose angle of rotation is (i) 45°

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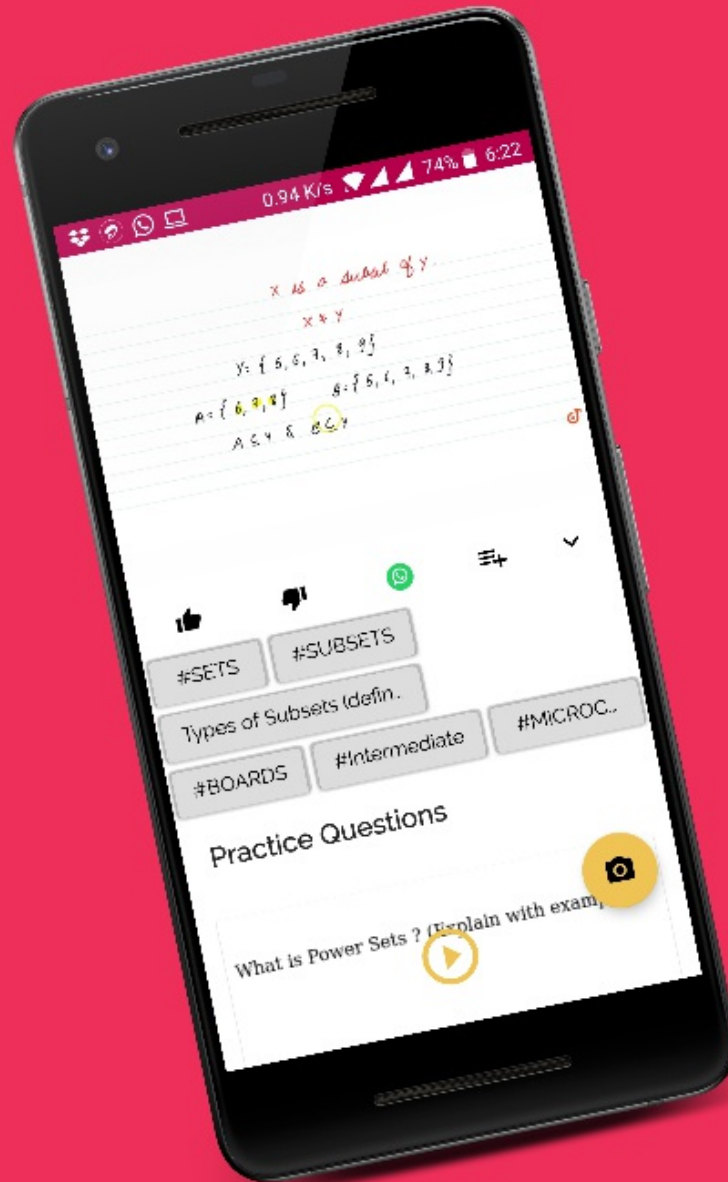
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