BOARDS CONCEPTS BOOSTER

ALGEBRAIC EXPRESSIONS

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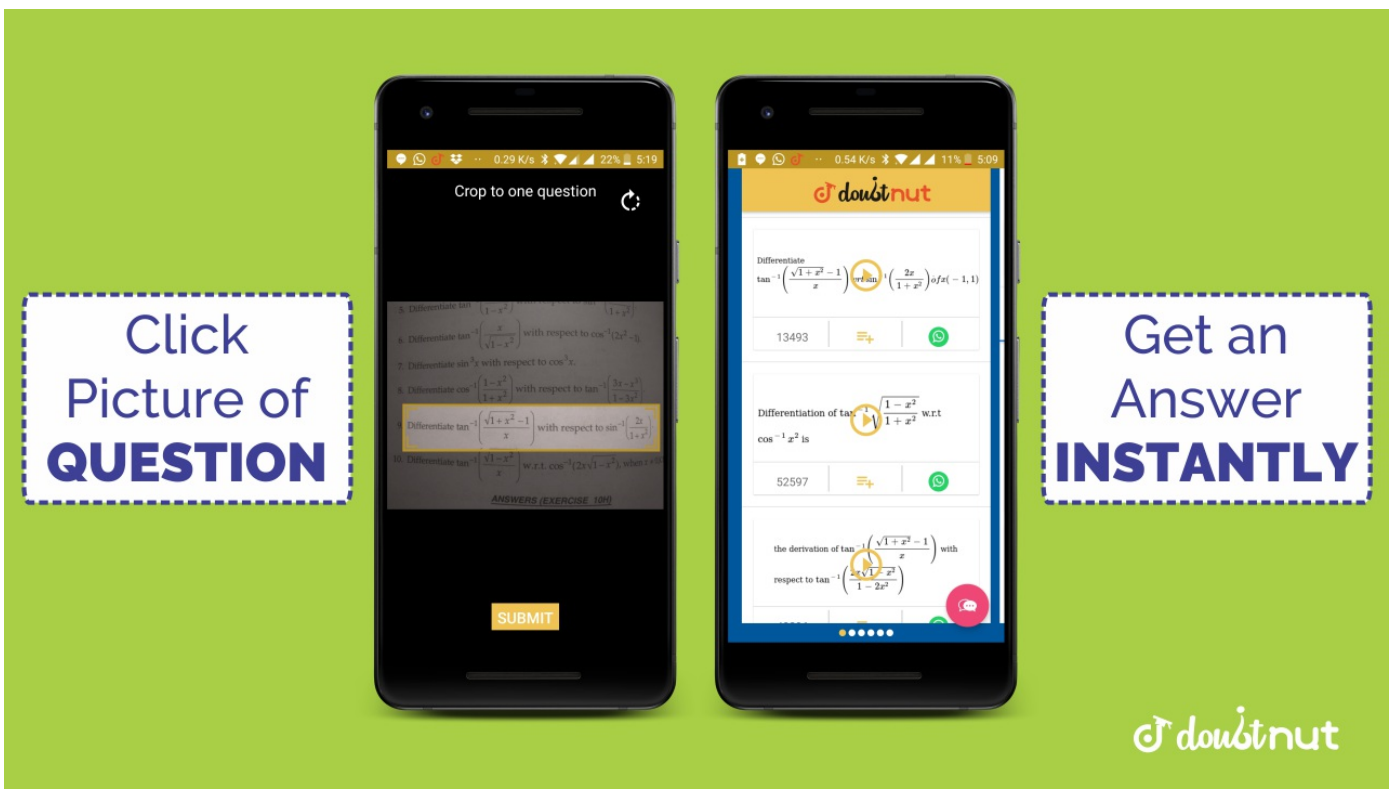
doubtnut पढ़ना हुआ आसान	
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	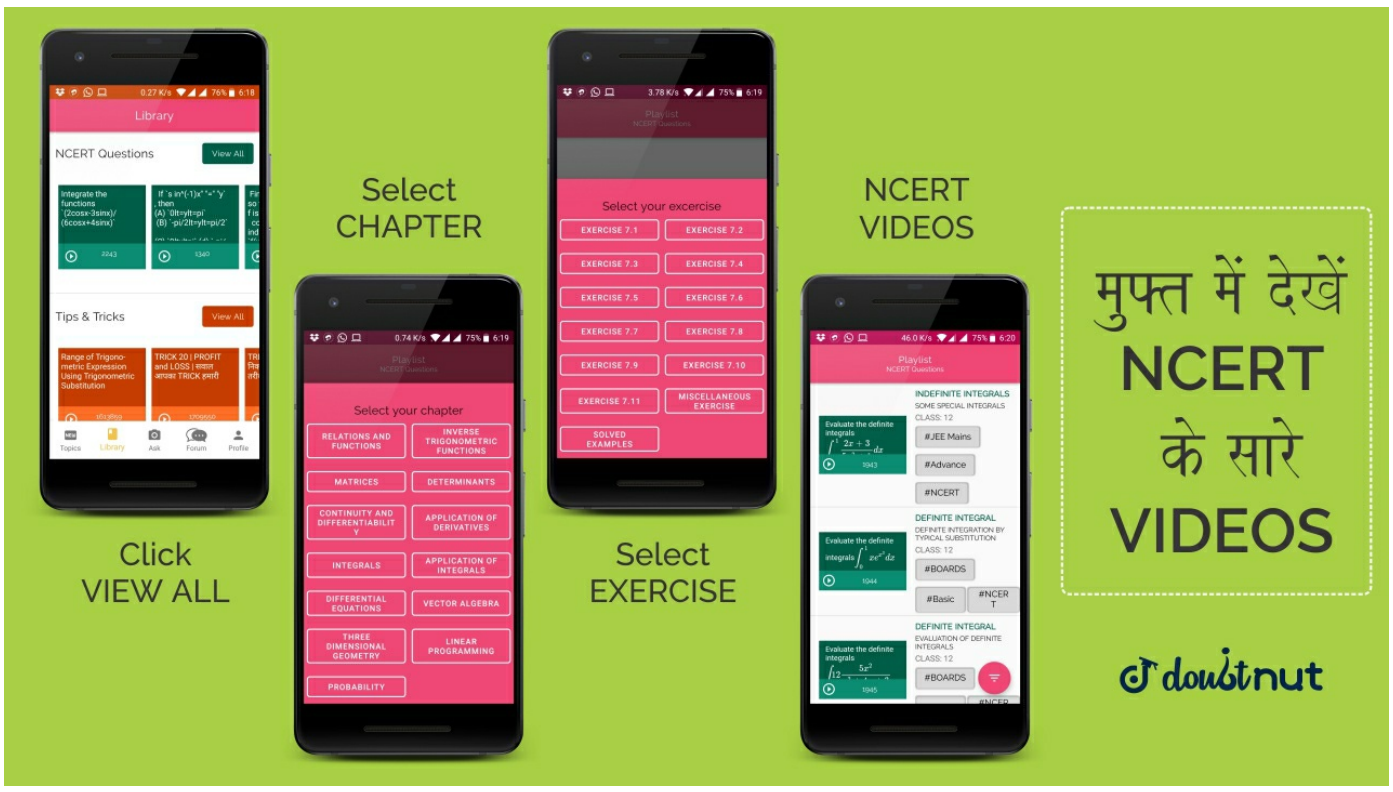
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17	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **8. ADDITION OF ALGEBRAIC EXPRESSIONS WITH LIKE AND UNLIKE TERMS** 1. (i) HORIZONTAL METHOD In this method all expressions are written in a horizontal line and then the terms are arranged to collect all the group of like terms and then added. Click to LEARN this concept/topic on Doubtnut
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18	**8. ADDITION OF ALGEBRAIC EXPRESSIONS WITH LIKE AND UNLIKE TERMS** 2. COLUMN METHOD In this method each expression is written in a separate row such that like terms are arranged one below the other in a column. The the addition of terms is done column wise. Click to LEARN this concept/topic on Doubtnut
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20	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **10. THE USE OF GROUPING SYMBOLS (OR BRACKETS) IN WRITING ALGEBRAIC EXPRESSION** 1. The use of grouping symbols (or brackets) in writing algebraic expression Click to LEARN this concept/topic on Doubtnut
21	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **11. REMOVAL OF BRACKETS** 1. (i) If a + sign precedes a symbol of grouping the grouping symbol may be removed without any change in the sign of the terms.

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22	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **11. REMOVAL OF BRACKETS** 2. (ii) If a - sign precedes a symbol of grouping the grouping symbol may be removed and the sign of each term is changed. Click to LEARN this concept/topic on Doubtnut
23	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **11. REMOVAL OF BRACKETS** 3. (iii) If more than one grouping symbol is present in an expression we remove the inner-most grouping symbol first and collect combine like terms if any. We continue this process outwards until all the grouping symbols have have been removed. Click to LEARN this concept/topic on Doubtnut
	
24	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **11. REMOVAL OF BRACKETS** 4. Examples on simplification of algebraic expressions : Click to LEARN this concept/topic on Doubtnut
25	**CONCEPT FOR BOARDS || Chapter ALGEBRAIC EXPRESSIONS** **11. REMOVAL OF BRACKETS** 5. Simplify : $15x - \left[8x^2 + 3x^2 - \left\{8x^2 - \left(4 - 2x - x^3\right) - 5x^3\right\} - 2x\right]$

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