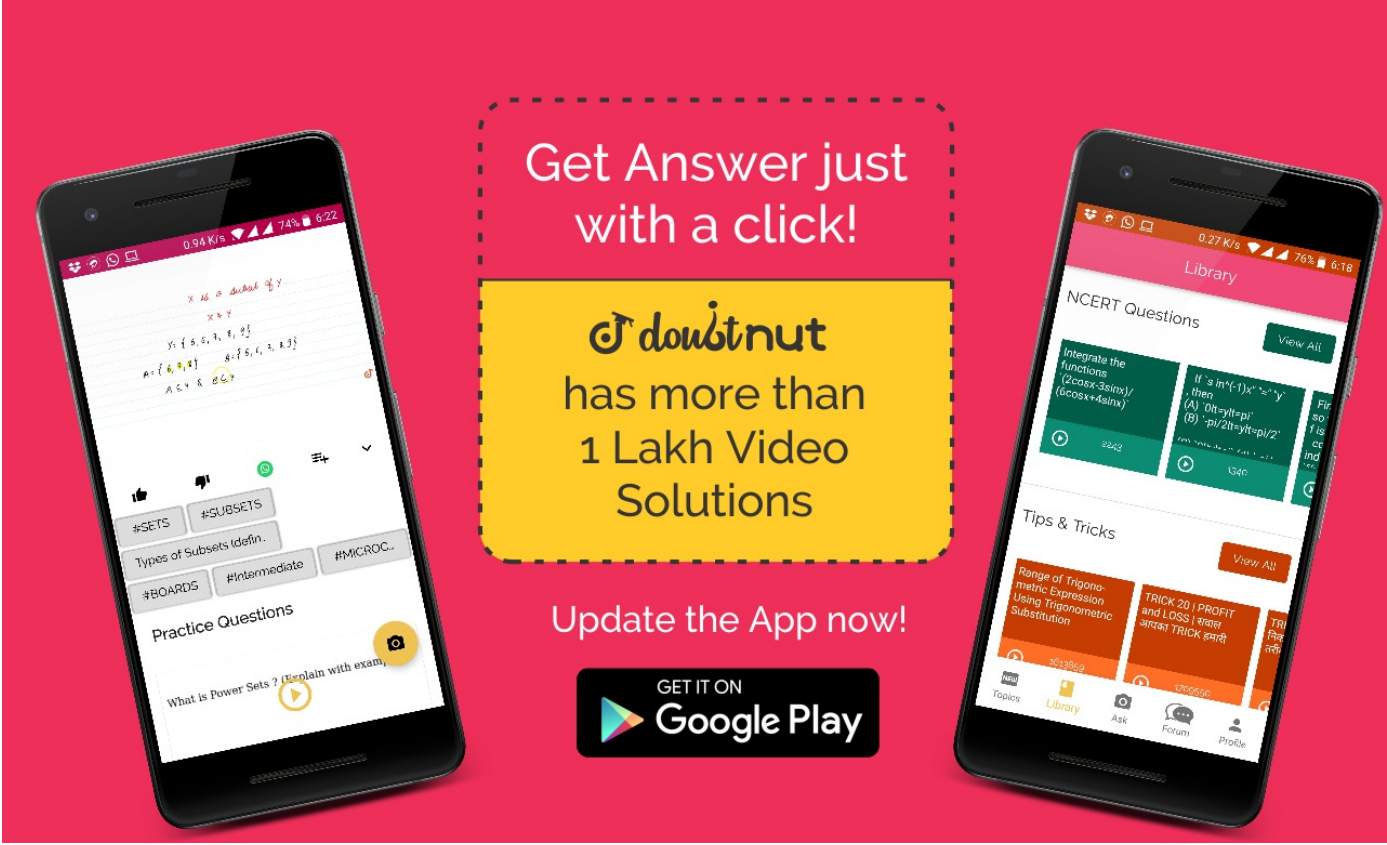


Ques No.	Question
1	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 1</p> <p>Solve the equation. $x - 2 = 7$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
2	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 2</p> <p>Solve the equation. $y + 3 = 10$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
3	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 3</p> <p>Solve the equation. $6 = z + 2$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
4	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 4</p> <p>Solve the equation. $\frac{3}{7} + x = \frac{17}{7}$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
5	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 5</p> <p>Solve the equation. $6x = 12$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>



6

NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 6

Solve the equation. $\frac{t}{5} = 10$

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7

NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 7

Solve the equation. $\frac{2x}{3} = 8$

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8

NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 8

Solve the equation. $1.6 = \frac{y}{15}, \frac{2x}{3} = 18, 7x - 9 = 16$

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9

NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 9

Solve the equation. $7x - 9 = 16$


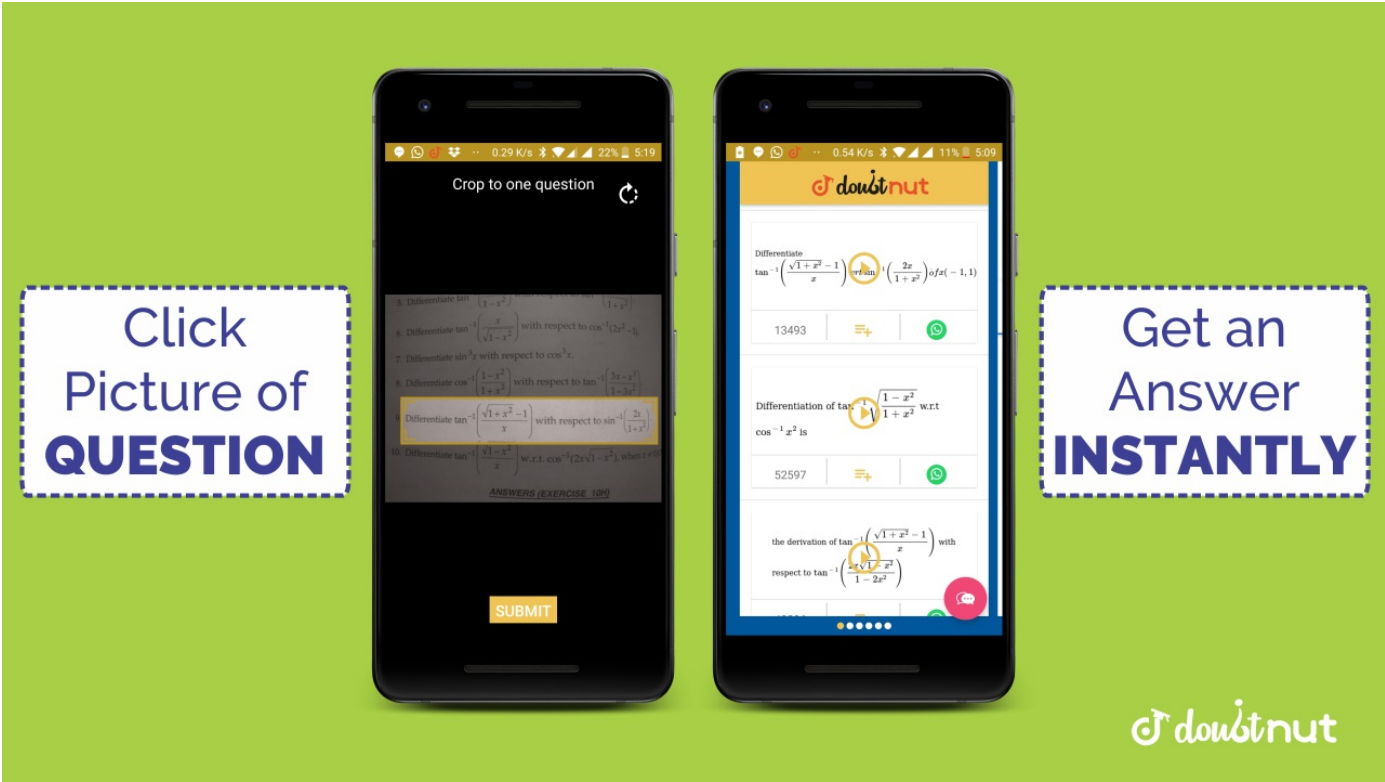
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10


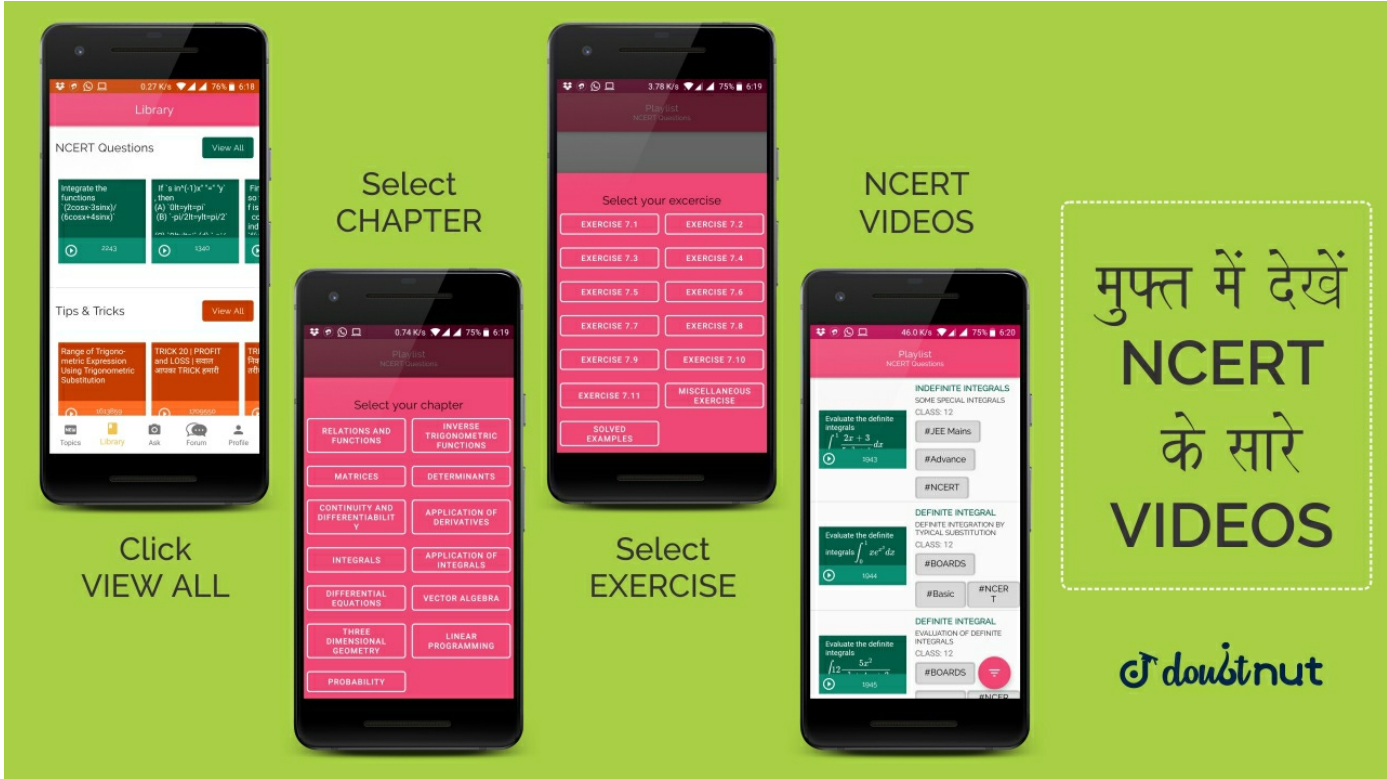
NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 10

Solve the equation . $14y - 8 = 13$

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<p>11</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 11</p> <p>Solve the equation . $17 + 6p = 9$</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
	
<p>12</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.1 - Q 12</p> <p>Solve the equation . $\frac{x}{3} + 1 = \frac{7}{15}$</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
<p>13</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 1</p> <p>If you subtract $\frac{1}{2}$ from a number and multiply the result by you get $\frac{1}{8}$. What is the number?</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
<p>14</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 2</p> <p>The perimeter of a rectangular swimming pool is 154 m. Its length is 2 m more than twice its breadth. What are the length and the breadth of the pool?</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
<p>15</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 3</p> <p>The base of an isosceles triangle is $\frac{4}{3}cm$. The perimeter of the triangle is</p>

	<p>(4) $\frac{2}{15}cm$. What is the length of either of the remaining equal sides?</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
16	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 4</p> <p>Sum of two numbers is 95. If one exceeds the other by 15, find the numbers.</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
17	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 5</p> <p>Two numbers are in the ratio 5:3. If they differ by 18, what are the numbers?</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
	
18	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 6</p> <p>Three consecutive integers add up to 51. What are these integers?</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
19	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 7</p> <p>The sum of three consecutive multiples of 8 is 888. Find the multiples.</p> <p>🎥 Watch Free Video Solution on Doubtnut</p>
20	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 8</p> <p>Three consecutive integers are such that when they are taken in increasing order and multiplied by 2, 3 and 4 respectively, they add up to 74. Find these numbers.</p>

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21	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 9</p> <p>The ages of Rahul and Haroon are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
22	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 10</p> <p>The number of boys and girls in a class are in the ratio 7:5. The number of boys is 8 more than the number of girls. What is the total class strength?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
23	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 11</p> <p>Baichung's father is 26 years younger than Baichung's grandfather and 29 years older than Baichung. The sum of the ages of all the three is 135 years. What is the age of each one of them?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
24	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 12</p> <p>Fifteen years from now Ravi's age will be four times his present age. What is Ravi's present age?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE -</p>

25	<p>EXERCISE 2.2 - Q 13</p> <p>A rational number is such that when you multiply it by $\frac{5}{2}$ and $\frac{2}{3}$ add to the product, you get $-\frac{7}{12}$. What is the number ?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
26	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 14</p> <p>Lakshmi is a cashier in a bank. She has currency notes of denominations Rs 100, Rs 50 and Rs 10, respectively. The ratio of the number of these notes is 2:3:5. The total cash with Lakshmi is Rs 4,00,000. How many notes of each denomination does she have?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
27	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 15</p> <p>I have a total of Rs 300 in coins of denomination Re 1, Rs 2 and Rs 5. The number of Rs 2 coins is 3 times the number of Rs 5 coins. The total number of coins is 160. How many coins of each denomination are with me?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
28	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.2 - Q 16</p> <p>The organisers of an essay competition decide that a winner in the competition gets a prize of Rs 100 and a participant who does not win gets a prize of Rs 25. The total prize money distributed is Rs 3,000. Find the number of winners, if the total number of participants is 63.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
29	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 1</p> <p>Solve the equation and check your result $3x = 2x + 18$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>





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30	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 2</p> <p>Solve the equation and check your result $5t - 3 = 3t - 5$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
31	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 3</p> <p>Solve the equation and check your result. $5x + 9 = 5 + 3x$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
32	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 4</p> <p>Solve the equation and check your result. $4z + 3 = 6 + 2z$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
33	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 5</p> <p>Solve the equation and check your result. $2x - 1 = 14 - x$.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
34	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 7</p> <p>Solve the equation and check your result. $x = \frac{4}{5}(x + 10)$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>

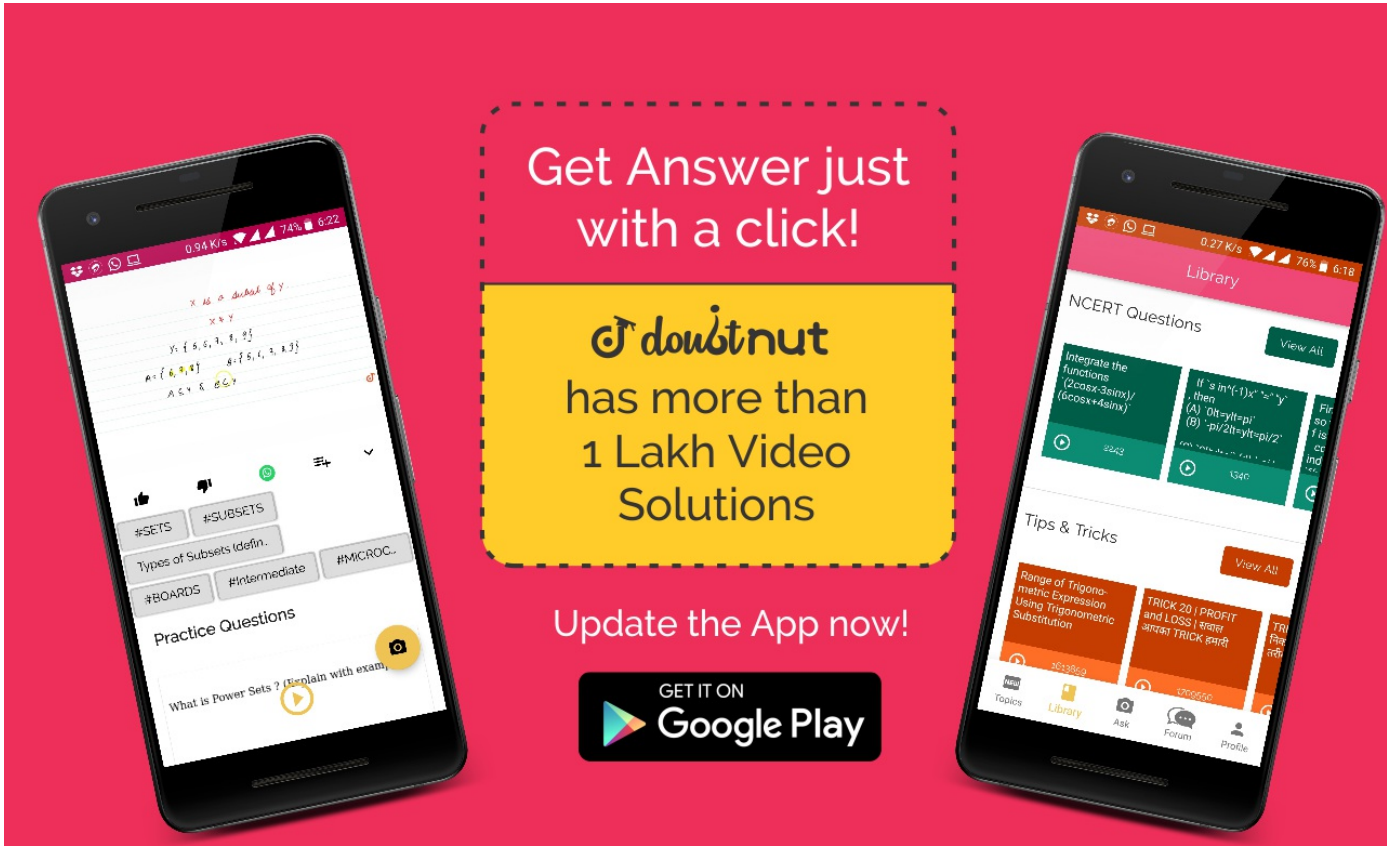
35	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 8</p> <p>Solve the equation and check your result. $\frac{2x}{3} + 1 = \frac{7x}{15} + 3$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
36	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 9</p> <p>Solve the equation and check your result. $2y + \frac{5}{3} = \frac{26}{3} - y$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
37	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.3 - Q 10</p> <p>Solve the equation and check your result. $3m = 5m - \frac{8}{5}$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
38	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 1</p> <p>Amina thinks of a number and subtracts $\frac{5}{2}$ from it. She multiplies the result by 8. The result now obtained is 3 times the same number she thought of. What is the number?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
39	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 2</p> <p>A positive number is 5 times another number. If 21 is added to both the numbers, then one of the new numbers becomes twice the other new number. What are the numbers?</p>

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40	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 3</p> <p>Sum of the digits of a two-digit number is 9. When we interchange the digits, it is found that the resulting new number is greater than the original number by 27. What is the two-digit number?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
41	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 4</p> <p>One of the two digits of a two digit number is three times the other digit. If you interchange the digits of this two-digit number and add the resulting number to the original number, you get 88. What is the original number?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
42	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 5</p> <p>Shobo's mother's present age is six times Shobo's present age. Shobo's age five years from now will be one third of his mother's present age. What are their present ages?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
43	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 6</p> <p>There is a narrow rectangular plot, reserved for a school, in Mahuli village. The length and breadth of the plot are in the ratio 11:4. At the rate Rs100 per metre it will cost the village panchayat Rs 75000 to fence the plot. What are the dimensions of the plot?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>

<p>44</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 7</p> <p>Hasan buys two kinds of cloth materials for school uniforms, shirt material that costs him Rs 50 per metre and trouser material that costs him Rs 90 per metre. For every 2 meters of the trouser material he buys 3 metres of the shirt material. He sells the materials at 12% and 10% profit respectively. His total sale is Rs 36,660. How much trouser material did he buy?</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
<p>45</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 8</p> <p>Half of a herd of deer are grazing in the field and three fourths of the remaining are playing nearby. The rest 9 are drinking water from the pond. Find the number of deer in the herd.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
<p>46</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 9</p> <p>A grandfather is ten times older than his granddaughter. He is also 54 years older than her. Find their present ages.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
<p>47</p>	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.4 - Q 10</p> <p>Aman's age is three times his son's age. Ten years ago he was five times his son's age. Find their present ages.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 1</p>

48	<p>Solve the linear equations . $\frac{x}{2} - \frac{1}{5} = \frac{x}{3} + \frac{1}{4}$</p> <p>📺 Watch Free Video Solution on Doubtnut</p>
49	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 2</p> <p>Solve the linear equations.</p> $\frac{n}{2} - \frac{3n}{4} + \frac{5n}{6} = 21$ <p>📺 Watch Free Video Solution on Doubtnut</p>
50	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 3</p> <p>Solve the linear equations.</p> $x + 7 - \frac{8x}{3} = \frac{17}{6} - \frac{5x}{2}$ <p>📺 Watch Free Video Solution on Doubtnut</p>
51	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 4</p> <p>Solve the linear equations. $\frac{x - 5}{3} = \frac{x - 3}{5}$</p> <p>📺 Watch Free Video Solution on Doubtnut</p>
52	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 5</p> <p>solve the equation .</p> $\frac{3t - 2}{4} - (2t + 3)(3) = \frac{2}{3} - t$ <p>📺 Watch Free Video Solution on Doubtnut</p>
	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 6</p> <p>Solve the linear equations.</p>

<div data-bbox="224 83 270 121" data-label="Text">53</div>	<div data-bbox="512 0 852 213" data-label="Equation-Block"> $m - \frac{m - 1}{2} = 1$ $- \frac{m - 2}{3}$ </div> <div data-bbox="512 299 1356 347" data-label="Text"> ▶ Watch Free Video Solution on Doubtnut </div>
<div data-bbox="58 801 436 931" data-label="Image"> </div>	<div data-bbox="627 471 1923 1261" data-label="Image"> </div>
<div data-bbox="224 1481 270 1519" data-label="Text">54</div>	<div data-bbox="512 1338 2039 1421" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 7</p> </div> <div data-bbox="512 1475 1631 1522" data-label="Text"> <p>Simplify and solve the linear equations. $3(t - 3) = 5(2t + 1)$</p> </div> <div data-bbox="512 1573 1356 1620" data-label="Text"> ▶ Watch Free Video Solution on Doubtnut </div>
<div data-bbox="224 2006 270 2044" data-label="Text">55</div>	<div data-bbox="512 1745 2039 1828" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 8</p> </div> <div data-bbox="512 1881 1203 1926" data-label="Text"> <p>Simplify and solve the linear equations.</p> </div> <div data-bbox="512 1929 835 2116" data-label="Equation-Block"> $15(y - 4)$ $- 2(y - 9)$ $+ 5(y + 6) = 0$ </div> <div data-bbox="512 2205 1356 2252" data-label="Text"> ▶ Watch Free Video Solution on Doubtnut </div>
<div data-bbox="224 2638 270 2677" data-label="Text">56</div>	<div data-bbox="512 2380 2039 2463" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 9</p> </div> <div data-bbox="512 2516 1203 2561" data-label="Text"> <p>Simplify and solve the linear equations.</p> </div> <div data-bbox="512 2564 905 2751" data-label="Equation-Block"> $3(5z - 7)$ $- 2(9z - 11)$ $= 4(8z - 13) - 17$ </div> <div data-bbox="512 2840 1356 2887" data-label="Text"> ▶ Watch Free Video Solution on Doubtnut </div>

57	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.5 - Q 10</p> <p>Simplify and solve the linear equations. $0.25(4f - 3)$ $= 0.05(10f - 9)$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
58	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 1</p> <p>Solve the equation. $\frac{8x - 3}{3x} = 2$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
59	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 2</p> <p>Solve the equation. $\frac{9x}{7 - 6x} = 15$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	
60	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 3</p> <p>Solve the equation. $\frac{z}{z + 15} = \frac{4}{9}$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 4</p>

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Solve the equation. $\frac{3y + 4}{2 - 6y} = \frac{-2}{5}$

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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 5

Solve the equation . $\frac{7y + 4}{y + 2} = \frac{-4}{3}$

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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 6

The ages of Hari and Harry are in the ratio 5:7. Four years from now the ratio of their ages will be 3:4. Find their present ages.

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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - EXERCISE 2.6 - Q 7

The denominator of a rational number is greater than its numerator by 8. If the numerator is increased by 17 and the denominator is decreased by 1, the number obtained is $\frac{3}{2}$. Find the rational number.

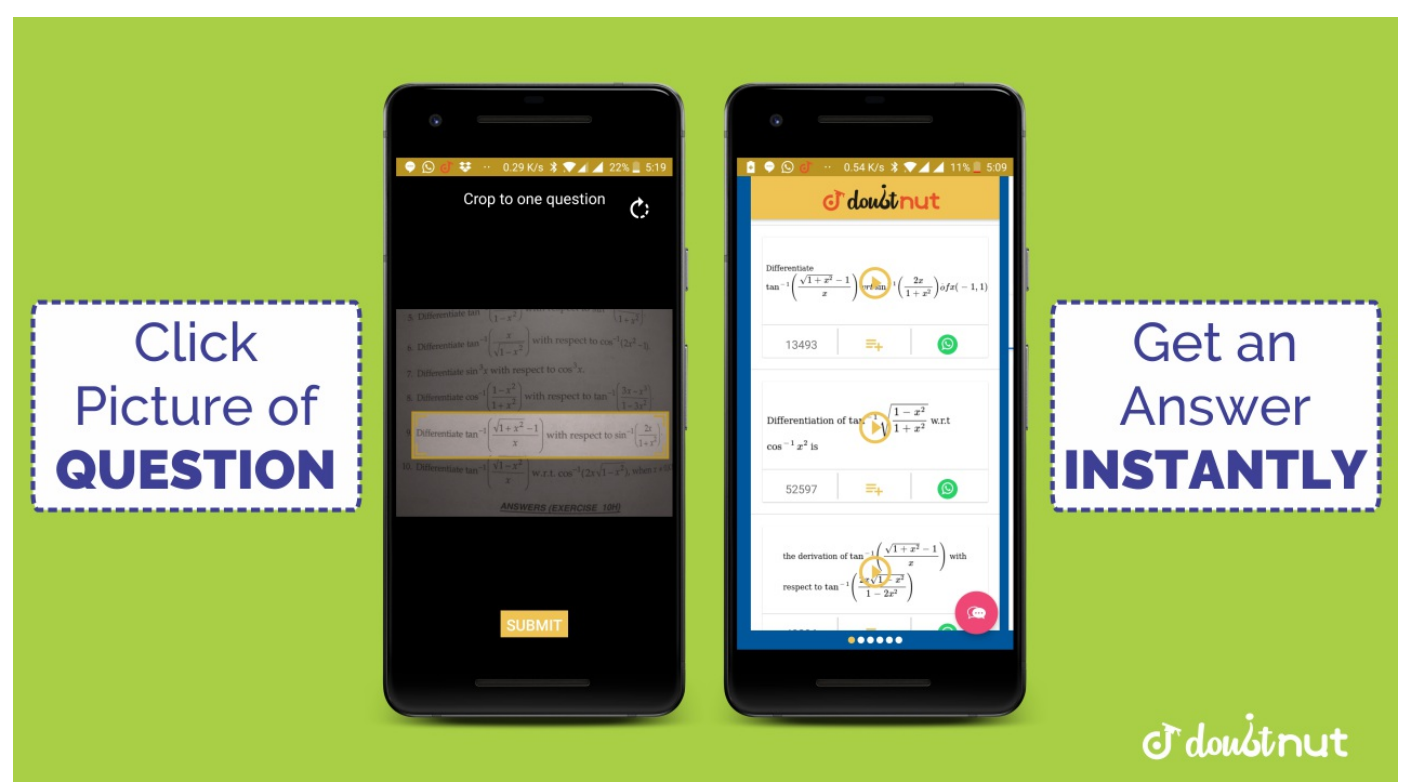
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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 1

Find the solution of $2x - 3 = 7$

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66	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 2</p> <p>Solve $2y + 9 = 4$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
67	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 3</p> <p>Solve $\frac{x}{3} + \frac{5}{2} = -\frac{3}{2}$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
68	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 4</p> <p>Solve $\frac{15}{4} - 7x = 9$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
69	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 5</p> <p>What should be added to twice the rational number $-\frac{7}{3}$ to get $\frac{3}{7}$</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
70	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 6</p> <p>The perimeter of a rectangle is 13 cm and its width is $(2)\frac{3}{4}cm$. Find its length.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>
71	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 7</p> <p>The present age of Sahil's mother is three times the present age of Sahil. After 5 years their ages will add to 66 years. Find their present ages.</p> <p>▶ Watch Free Video Solution on Doubtnut</p>



72

NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 8

Bansi has 3 times as many two-rupee coins as he has five-rupee coins. If he has in all a sum of Rs 77, how many coins of each denomination does he have?

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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 9

The sum of three consecutive multiples of 11 is 363. Find these multiples.

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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 10

The difference between two whole numbers is 66. The ratio of the two numbers is 2 : 5. What are the two numbers?

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NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 11

Deveshi has a total of Rs 590 as currency notes in the denominations of Rs 50, Rs 20 and Rs 10. The ratio of the number of Rs 50 notes and Rs 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination she has?

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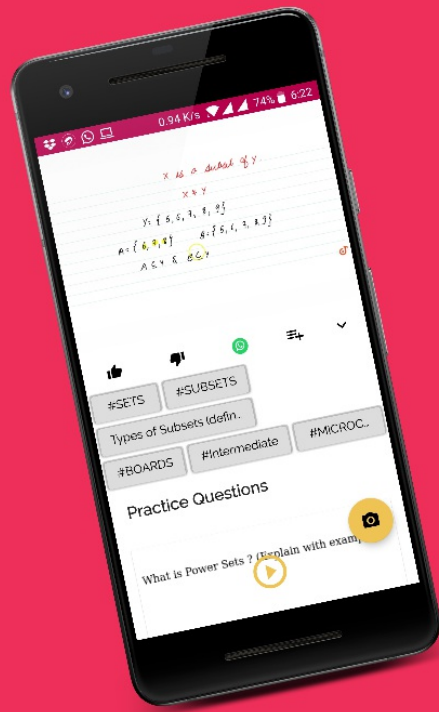
NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 12

Solve $2x - 3 = x + 2$

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<div data-bbox="226 201 268 261" data-label="Text"> <p>77</p> </div>	<div data-bbox="512 44 2039 133" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 13</p> </div> <div data-bbox="512 172 1031 281" data-label="Equation-Block"> <p>Solve $5x + \frac{7}{2} = \frac{3}{2}x - 14$</p> </div> <div data-bbox="512 320 1356 379" data-label="Text"> <p>▶ Watch Free Video Solution on Doubtnut</p> </div>
<div data-bbox="58 875 436 1015" data-label="Image"> </div>	<div data-bbox="625 498 1921 1228" data-label="Image"> </div>
<div data-bbox="226 1647 268 1706" data-label="Text"> <p>78</p> </div>	<div data-bbox="512 1469 2039 1558" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 14</p> </div> <div data-bbox="512 1602 2039 1736" data-label="Text"> <p>The digits of a two-digit number differ by 3 If the digits are interchanged and the resulting number is added to the original number we get 143 What can be the original number</p> </div> <div data-bbox="512 1774 1356 1834" data-label="Text"> <p>▶ Watch Free Video Solution on Doubtnut</p> </div>
<div data-bbox="226 2113 268 2172" data-label="Text"> <p>79</p> </div>	<div data-bbox="512 1958 2039 2047" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 15</p> </div> <div data-bbox="512 2092 2039 2181" data-label="Text"> <p>Arjun is twice as old as Shriya. Five years ago his age was three times Shriya’s age. Find their present ages.</p> </div> <div data-bbox="512 2220 1356 2279" data-label="Text"> <p>▶ Watch Free Video Solution on Doubtnut</p> </div>
<div data-bbox="226 2665 268 2724" data-label="Text"> <p>80</p> </div>	<div data-bbox="512 2404 2039 2493" data-label="Section-Header"> <p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 16</p> </div> <div data-bbox="512 2537 751 2804" data-label="Equation-Block"> <p>Solve $\frac{6x + 1}{3} + 1 = \frac{x - 3}{6}$</p> </div> <div data-bbox="512 2873 1356 2932" data-label="Text"> <p>▶ Watch Free Video Solution on Doubtnut</p> </div>

81	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 17</p> <p>Solve</p> $5x - 2(2x - 7)$ $= 2(3x - 1) + \frac{7}{2}$ <p>📺 Watch Free Video Solution on Doubtnut</p>
82	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 18</p> <p>Solve $\frac{x + 1}{2x + 3} = \frac{3}{8}$</p> <p>📺 Watch Free Video Solution on Doubtnut</p>
83	<p>NCERT - CLASS 8 - CHAPTER 2 LINEAR EQUATIONS IN ONE VARIABLE - SOLVED EXAMPLES - Q 19</p> <p>Present ages of Anu and Raj are in the ratio 4:5. Eight years from now the ratio of their ages will be 5:6. Find their present ages.</p> <p>📺 Watch Free Video Solution on Doubtnut</p>
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