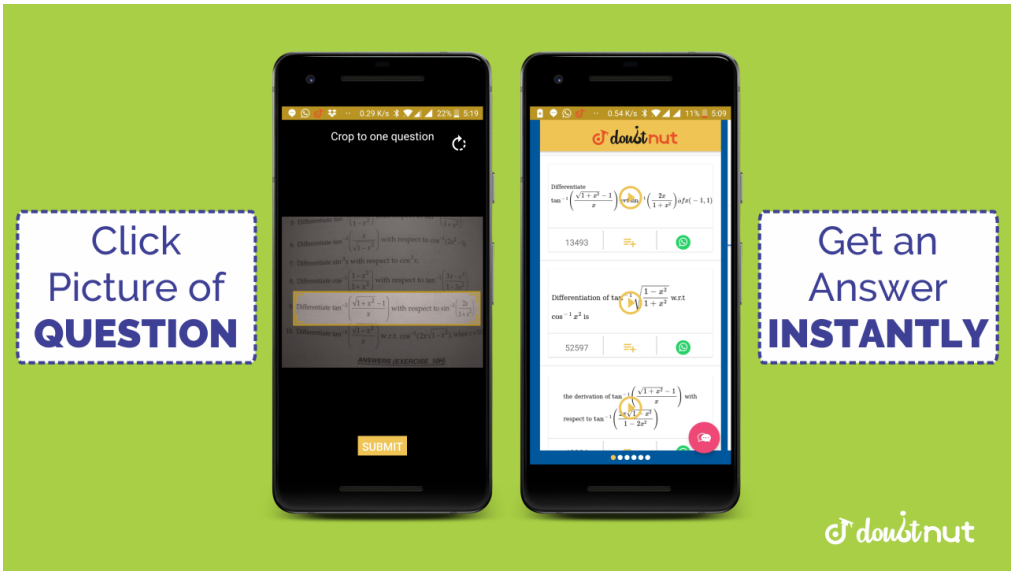
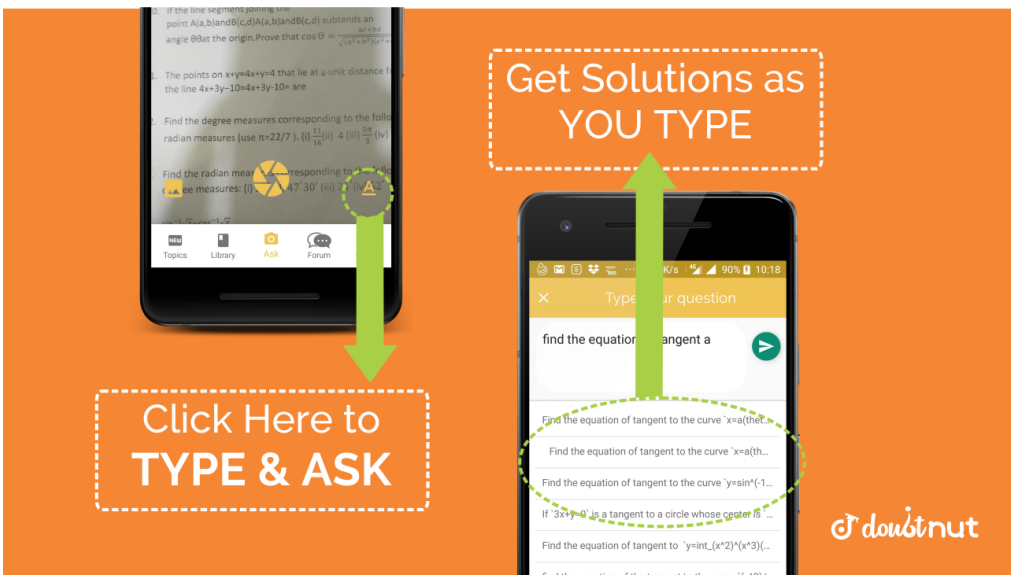
CLASS 9 FOUNDATION COURSE

NUMBER SYSTEM

Ques No.	Question
1 - 16602	**CLASS 9 FOUNDATION COURSE - REAL NUMBERS** Give an example of two irrational numbers whose sum is rational Click to watch Free Video Solution of this question on Doubtnut
2 - 23947	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Show that $1.272727 = 1.27$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$. Click to watch Free Video Solution of this question on Doubtnut
3 - 23950	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Find two irrational numbers between $2 and 2.5$. Click to watch Free Video Solution of this question on Doubtnut
4 - 23955	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Find the rational number between $-\frac{2}{3} and \frac{1}{4}$. Click to watch Free Video Solution of this question on Doubtnut
5 - 23959	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** If $\frac{1}{7} = 0.142857$, write the decimal expression of $\frac{2}{7}, \frac{3}{7}, \frac{4}{7}, \frac{5}{6} and \frac{6}{7}$ without actually doing the long division. Click to watch Free Video Solution of this question on Doubtnut
6 - 23961	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Express $0.\overline{001}$ as a fraction in the simplest form. Click to watch Free Video Solution of this question on Doubtnut

7 - 23964	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Prove that $\sqrt{n}$ is not a rational number. if n is not a perfect square. Click to watch Free Video Solution of this question on Doubtnut
8 - 23965	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Show that $0.2353535 = 0.2\overline{35}$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$. Click to watch Free Video Solution of this question on Doubtnut
9 - 38111	**CLASS 9 FOUNDATION COURSE - POLYNOMIALS** Express 0.357 in the form $\frac{p}{q}$, where p and q are integers and$q \neq 0$ Click to watch Free Video Solution of this question on Doubtnut
10 - 1338300	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** The sum; Difference;product and quotient of two irrational numbers need not be an irrational number. Click to watch Free Video Solution of this question on Doubtnut
11 - 1408509	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Find six rational numbers between 3 and 4 Click to watch Free Video Solution of this question on Doubtnut
12 - 1408513	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS**

	Convert $\frac{35}{16}$ into decimal form by long division method. Click to watch Free Video Solution of this question on Doubtnut
13 - 1408518	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Find the decimal representation of $\frac{-16}{45}$ Click to watch Free Video Solution of this question on Doubtnut
	
14 - 1408521	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Find the decimal representation of $\frac{22}{7}$ Click to watch Free Video Solution of this question on Doubtnut
15 - 1408551	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** prove that $\sqrt{3}-\sqrt{2}$ is an irrational number. Click to watch Free Video Solution of this question on Doubtnut
16 - 1408571	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Prove that $\sqrt{3}+\sqrt{5}$ is an irrational number. Click to watch Free Video Solution of this question on Doubtnut
17 - 1408586	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** The number 0.318564318564318564 is: (a) natural number (b) an integer (C) rational number (d) an irrational number

	Click to watch Free Video Solution of this question on Doubtnut
18 - 1408686	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Simplify: $\frac{4}{(216)^{-\frac{2}{3}}}+\frac{1}{(256)^{-\frac{3}{4}}}+\frac{2}{(243)^{-\frac{1}{5}}}$ Click to watch Free Video Solution of this question on Doubtnut
19 - 1408771	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEMS** Which of the following is (are) not equal to $\left\{\left(\frac{5}{6}\right)^{\frac{1}{5}}\right\}^{-\frac{1}{6}}$? $(a)\left(\frac{5}{6}\right)^{\frac{1}{5}-\frac{1}{6}}$ $(b)\frac{1}{\left\{(5)^{\frac{1}{5}}\right\}^{\frac{1}{6}}}$ $(c)\left(\frac{6}{5}\right)^{\frac{1}{30}}$ $(d)\left(\frac{5}{6}\right)^{-\frac{1}{30}}$ Click to watch Free Video Solution of this question on Doubtnut
20 - 3638957	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** The sum of the greatest and smallest number of five digits is (a) 11,110 (b) 10,999 (c) 109,999 (d) 111,110 Click to watch Free Video Solution of this question on Doubtnut
	
21 - 3638961	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** All natural numbers and 0 are called the …… numbers. rational (b) integer (c) whole (d) price Click to watch Free Video Solution of this question on Doubtnut
22 - 3638963	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** Every rational number is also an integer (b) a real number a natural number (d) a whole number

	Click to watch Free Video Solution of this question on Doubtnut
23 - 3638966	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** The number $\sqrt{3}\, is$ a finite decimal (b) an infinite recurring decimal equal to 1.732 (d) an infinite non-recurring decimal Click to watch Free Video Solution of this question on Doubtnut
24 - 3638996	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** If p is a positive fraction less than 1, then (a) $\frac{1}{p}$ is less than 1 (b) $\frac{1}{p}$ is a positive integer (c) p^2 is less than p (d) $\frac{2}{p} - p$ is a positive number Click to watch Free Video Solution of this question on Doubtnut
25 - 3639078	**CLASS 9 FOUNDATION COURSE - NUMBER SYSTEM** $(999)^2 - (998)^2 = ?$ 1992 (b) 1995 (c) 1997 (d) 1998 Click to watch Free Video Solution of this question 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