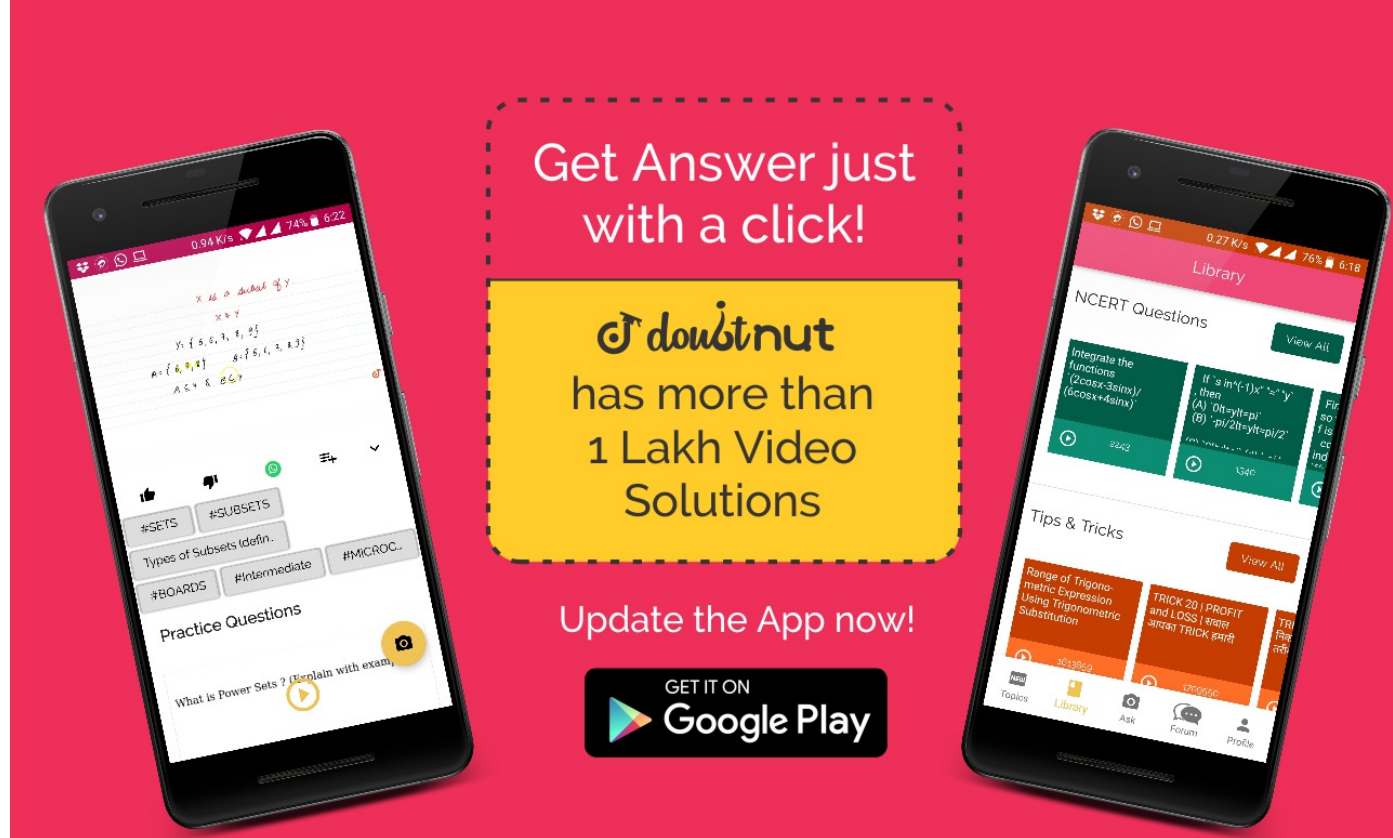| Ques No.	Question
1	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.1 - Q 1** Find the ratio of: (a) Rs 5 to 50 paise (b) 15 kg to 210 g (c) 9 m to 27 cm (d) 30 days to 36 hours Watch Free Video Solution on Doubtnut
2	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.1 - Q 2** In a computer lab, there are 3 computers for every 6 students. How many computers will be needed for 24 students? Watch Free Video Solution on Doubtnut
3	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.1 - Q 3** Population of Rajasthan = 570 lakhs and population of UP = 1660 lakhs. Area of Rajasthan = 3 lakh km2 and area of UP = 2 lakh km2. (i) How many people are there per km2 in both these States? (ii) Which State is less populated? Watch Free Video Solution on Doubtnut
4	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 1** Convert the given fractional numbers to per cents. Watch Free Video Solution on Doubtnut
5	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 2** Convert the given decimal fractions to per cents. (a) 0.65 (b) 2.1 (c) 0.02 (d) 12.35 Watch Free Video Solution on Doubtnut

6	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 3** Estimate what part of the figures is coloured and hence find the per cent which is coloured. ▶ Watch Free Video Solution on Doubtnut
7	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 4** Find: (a) 15% of 250 (b) 1% of 1 hour (c) 20% of Rs 2500 (d) 75% of 1 kg ▶ Watch Free Video Solution on Doubtnut
8	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 5** Find the whole quantity if (a) 5% of it is 600. (b) 12% of it is Rs 1080. (c) 40% of it is 500 km. (d) 70% of it is 14 minutes. (e) 8% of it is 40 litres. ▶ Watch Free Video Solution on Doubtnut
9	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 6** Convert given per cents to decimal fractions and also to fractions in simplest forms: (a) 25% (b) 150% (c) 20% (d) 5% ▶ Watch Free Video Solution on Doubtnut
10	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 7** In a city, 30% are females, 40% are males and remaining are children. What per cent are children ▶ Watch Free Video Solution on Doubtnut
	NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 8 Out of 15,000 voters in a constituency, 60% voted. Find the percentage of voters who

| 11 |

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| 12 | **NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 9**

Meeta saves Rs 400 from her salary. If this is 10% of her salary. What is her salary?

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| 13 | **NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.2 - Q 10**

A local cricket team played 20 matches in one season. It won 25% of them. How many matches did they win?

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| 14 | **NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 1**

Tell what is the profit or loss in the following transactions. Also find profit per cent or loss per cent in each case. (a) Gardening shears bought for Rs 250 and sold for Rs 325. (b) A refrigerater bought for Rs 12,000 and sold at Rs 13,500. (c) A cupboard bought for Rs 2,500 and sold at Rs 3,000. (d) A skirt bought for Rs 250 and sold at Rs 150.

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| 15 | **NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 2**

Convert each part of the ratio to percentage: (a) 3:1   (b) 2:3:5   (c) 1:4   (d) 1: 2:5

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| | **NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 3** |

16	The population of a city decreased from 25,000 to 24,500. Find the percentage decrease. ▶ Watch Free Video Solution on Doubtnut
17	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 4** Arun bought a car for Rs 3,50,000. The next year, the price went upto Rs 3,70,000. What was the Percentage of price increase? ▶ Watch Free Video Solution on Doubtnut
18	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 5** I buy a T.V. for Rs 10,000 and sell it at a profit of 20%. How much money do I get for it? ▶ Watch Free Video Solution on Doubtnut
19	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 6** Juhi sells a washing machine for Rs 13,500. She loses 20% in the bargain. What was the price at which she bought it? ▶ Watch Free Video Solution on Doubtnut
20	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 7** (i) Chalk contains calcium, carbon and oxygen in the ratio 10:3:12. Find the percentage of carbon in chalk. (ii) If in a stick of chalk, carbon is 3g, what is the weight of the chalk stick? ▶ Watch Free Video Solution on Doubtnut
21	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 8** Amina buys a book for Rs 275 and sells it at a loss of 15%. How much does she sell it for?

22	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 9** Find the amount to be paid at the end of 3 years in each case: (a) Principal = Rs 1,200 at 12% p.a. (b) Principal = Rs 7,500 at 5% p.a.
23	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 10** What rate gives Rs 280 as interest on a sum of Rs 56,000 in 2 years?
24	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - EXERCISE 8.3 - Q 11** If Meena gives an interest of Rs 45 for one year at 9% rate p.a.. What is the sum she has borrowed?
25	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 1** Find the ratio of 3 km to 300 m
26	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 2** Are the ratios 1:2 and 2:3 equivalent?

27	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 3** Following is the performance of a cricket team in the matches it played: ▶ Watch Free Video Solution on Doubtnut
28	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 4** A map is given with a scale of 2 cm = 1000 km. What is the actual distance between the two places in kms, if the distance in the map is 2.5 cm? ▶ Watch Free Video Solution on Doubtnut
29	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 5** 6 bowls cost $Rs 90.$ What would be the cost of 10 such bowls? ▶ Watch Free Video Solution on Doubtnut

30	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 6** The car that I own can go 150 km with 25 litres of petrol. How far can it go with 30 litres of petrol? ▶ Watch Free Video Solution on Doubtnut
31	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 7** Write $\dfrac{5}{4}$ as per cent

32	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 8** Out of 25 children in a class, 15 are girls. What is the percentage of girls? ▶ Watch Free Video Solution on Doubtnut
33	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 9** Convert $\dfrac{1}{3}$ to per cent ▶ Watch Free Video Solution on Doubtnut
34	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 10** Convert the given decimals to per cents: (a) 0.75 (b) 0.09 (c) 0.2 ▶ Watch Free Video Solution on Doubtnut
35	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 11** What per cent of the adjoining figure is shaded? ▶ Watch Free Video Solution on Doubtnut

	NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 12

36	A survey of 40 children showed that 25% liked playing football. How many children liked playing football ▶ Watch Free Video Solution on Doubtnut
37	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 13** Rahul bought a sweater and saved Rs 20 when a discount of 25% was given. What was the price of the sweater before the discount? ▶ Watch Free Video Solution on Doubtnut
38	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 14** Reena's mother said, to make idlis, you must take two parts rice and one part urad dal. What percentage of such a mixture would be rice and what percentage would be urad dal? ▶ Watch Free Video Solution on Doubtnut
39	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 15** If Rs 250 is to be divided amongst Ravi, Raju and Roy, so that Ravi gets two parts, Raju three parts and Roy five parts. How much money will each get? What will it be in percentages? ▶ Watch Free Video Solution on Doubtnut
40	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 16** A school team won 6 games this year against 4 games won last year. What is the per cent increase? ▶ Watch Free Video Solution on Doubtnut
41	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 17** The number of illiterate persons in a country decreased from 150 lakhs to 100 lakhs in 10 years. What is the percentage of decrease? ▶ Watch Free Video Solution on Doubtnut

42	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 18** The cost of a flower vase is Rs 120. If the shopkeeper sells it at a loss of 10%, find the price at which it is sold. ▶ Watch Free Video Solution on Doubtnut
43	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 19** Selling price of a toy car is Rs 540. If the profit made by shopkeeper is 20%, what is the cost price of this toy? ▶ Watch Free Video Solution on Doubtnut
44	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 20** Anita takes a loan of Rs 5,000 at 15% per year as rate of interest. Find the interest she has to pay at end of one year. ▶ Watch Free Video Solution on Doubtnut
45	**NCERT - CLASS 7 - CHAPTER 8 COMPARING QUANTITIES - SOLVED EXAMPLES - Q 21** If Manohar pays an interest of Rs 750 for 2 years on a sum of Rs 4,500, find the rate of interest. ▶ Watch Free Video Solution on Doubtnut
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