



INDIAN SCHOOL DARSAIT

DEPARTMENT OF MATHEMATICS



Subject : Mathematics	Topic : Comparing Quantities	Date of Worksheet : _____
Resource Person: Mrs Bhavya Vijelesh		Date : _____
Name of the Student : _____	Class & Division :VII _____	Roll Number : _____

S.No.	Section A(Basic Skills)	Marks
1	70m to 98m = _____ (Write in ratio)	1
2	$\frac{1}{6}$ of 80 is _____ (Write fraction)	1
3	One third of 360 = _____ (Write number)	1
	1 km to 100 m is _____ (Write the ratio)	
4	Cost of 52 pens is Rs 1560. _____ (find the cost of 1 pen)	1
5	$6 \times 42 = \text{_____} \times 7$ (balance the equation)	1
6	$\frac{55}{75} = \frac{\text{---}}{30}$ (fill in the box)	1
	Section B	
7	If 40% of the workers in a factory are females and the number of male workers is 720, then find the total number of workers in the factory.	2
8	Convert the decimals into percent. (a) 6.02 (b) 5.3	2
9	Convert the ratios into percent. (a) 3 : 5 (b) 20 : 80	2
10	Rita spends 90% of her salary. If her savings is Rs 900, find her salary.	2
11	The maximum marks for an examination are 500. A candidate has to secure 40% marks to pass the examination. If the candidate failed by 25 marks, find the total marks scored by him.	3
12	In a collage election, contested by Manish and Akul, Manish got 60% of the votes cast. Find the number of votes cast in favour of Akul if total votes polled were 15000.	3
13	The price of an article is Rs 350. If there is an increase of 5 % in the price, what will be the new price of that article?	3
14	A house was purchased for Rs 4,00,000 and sold at a profit of 25 %, find SP.	3

15	Rs20,000 is borrowed on simple interest for 3 years at the rate of 12 % p.a. What is the amount of money to be returned?	3
16	Saransh deposited Rs 75000 in his saving bank account. The bank pays an interest of 5 % per annum. What interest will he receive after 3 years?	3
Section C (Hot Questions)		
17	How long will it take for Rs 3500 to become Rs 3850 if interest is charged at the rate of 2 % per annum?	4
18	Karan and Shashank borrowed Rs 6000 each at the rate of 12% per annum for a period of 2 years and 3 years respectively. Find the difference of interest paid by them?	4