



FEDERAL DIRECTORATE OF EDUCATION

Summer Vacation Task

Mathematics-----Class-V

**SESSION
2023-24**



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SUMMER VACATION HOMEWORK

CLASS: V SESSION:2023-24

Note: Summer Vacation Homework must be completed in full. Attempt the Question on loose sheets file. Containing all loose sheets must be submitted on the first day after vacation.

SUBJECT: MATHEMATICS

VACATION TASKS

S.NO	Student Learning Objective	Task/Problems/Test Items/Exercise
Q1	Whole Numbers	1)Numbers in words.(Write in words)
1	Read/Write numbers up to 1 Million.	i)1,946,394 (ii)9,400,763 (iii)2,612,003
		(iv)3,096,392 (v)8,100,002 (vi)9,926,145
		(vii)4,888,008 (viii)6,002,008 (ix)7,149,941 (x)7,922,811
2	Add numbers up to 6 digits.	2)Addition: Add the following.
		(i)122,295+34,962
		(ii)427,316+576,405
		(iii)718,163+596,315
		(iv)619,222+223,239
		(v)817,135+492,326
		(vi) 389,311+714,228
		(vii)432,198+237,284
		(viii)247,346+346,247
		(ix)462,965+578,850
		(x)566,724+667,656

		(xi) There are 851,920 red cups. There are 125,946 blue cups. What is the total number of cups?
		(xii) Ammar has 144,246 sticks. Ali gives him 270,496 more sticks. How many sticks Ammar has altogether?
3	Subtract numbers up to 6 digits	Subtraction: Subtract the following
		(i) 494,238 - 253,134
		(ii) 444,267 - 207,131
		(iii) 722,585 - 329,487
		(iv) 404,352 - 400,149
		(v) 540,326 - 403,324
		(vi) 928,656 - 796,128
		(vii) 316,235 - 296,488
		(viii) 706,584 - 650,635
		(ix) 556,327 - 550,222
		(x) 325,465 - 157,899
		(xi) Naeem had 5,496 marbles. His brother gave him 4,000 more marbles. Naeem gives 3,196 marbles to a friend. How many marbles does Naeem left?
4	Multiply a number up to 5 digit by a number up to 3-digit.	Multiplication (Solve the following)
		(i) 74959 x 296
		(ii) 80027 x 895
		(iii) 92865 x 349
		(iv) 4856 x 250
		(v) 790902 x 748
		(vi) 49218 x 219

		(vii) 23678×573
		(viii) 60398×230
		(ix) Ayesha has 290 boxes. Each box has 12 pencils. How many pencils does she have altogether?
		(x) Haadi's monthly income is Rs.15,000. Find his total income in 4 years.
5	Divide a number up to 5 digits by a number up to 2 digits. Real life word problems	Division: Solve the following
		(i) $73810 \div 11$
		(ii) $83678 \div 43$
		(iii) $64,454 \div 32$
		(iv) $50,568 \div 19$
		(v) $86,449 \div 29$
		(vi) A factory manufactures 28550 toys in 25 days. How many toys will manufacture in 1 day?
		(vii) There are 384 mango trees in 8 rows. How many mango trees are there in each row?
6.	HCF Find the HCF of two numbers up to 2 digit numbers. Three numbers up to 2 digits numbers.	QNO1: Find HCF Using prim factorization Method. (i) 12, 32, 40 (ii) 45, 90, 15 (iii) 11, 121, 110 (iv) 91, 49, 7 (v) 80, 45, 90 (vi) 78, 52, 23

	Using Prime factorization and division Methods.	
		QNO2:Find HCF by division Method. (i)16,24,40 (ii)51,65,75 (iii)56,84,88 (iv)63,108,72 (v)16,32,96 (vi)20,80,120
7	LCM Find the LCM of two numbers up to 2 digit numbers. Three numbers up to 2 digit numbers. Using the prime factorization method and division method.	QNO1:Find the LCM using prime factorization. (1)4,10,16 (2)33,66,99 (3)32,70,80 (4)45,90,95 (5) 20,25,50
		QNO2:Find the LCM using division method. (i)10,20,30 (ii)12,18,88 (iii)6,15,21 (iv)28,32,40 (v)35,60,75

VACATION PROJECT

Students have to complete one project to practice the practical application of knowledge following is the detail of the Project.

STUDENT LEARNING OBJECTIVE	PROJECT DETAILS	PROJECT DELIVERABLES DETAILS
HCF=Highest common factor	*Use the prime factorization method	*Chart paper.
Two number up to 2 digit number.	*First find out the factor	*Color pages.
	Draw some circles on chart paper and then paste some colored circles on it.	*Marker.
	*Select the common factor from the number on the circle.	*Gum Sticks
	*HCF of two numbers will be shown on different color on chart paper.	