



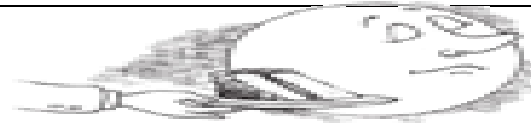
INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics

HOLIDAY HOMEWORK (2023-24)

Q.1 Solve the riddle using your answers below:

Why did the moon skip the dessert?



$\frac{1}{4} + \frac{4}{8} = \underline{\quad} \mathbf{A}$	$\frac{1}{9} + \frac{2}{3} = \underline{\quad} \mathbf{I}$	$\frac{3}{6} - \frac{1}{3} = \underline{\quad} \mathbf{F}$
$2\frac{1}{4} + 3\frac{1}{2} = \underline{\quad} \mathbf{W}$	$\frac{2}{5} + \frac{1}{3} = \underline{\quad} \mathbf{R}$	$\frac{1}{10} + \frac{4}{5} = \underline{\quad} \mathbf{C}$
$\frac{11}{12} - \frac{1}{4} = \underline{\quad} \mathbf{T}$	$\frac{1}{3} - \frac{1}{4} = \underline{\quad} \mathbf{S}$	$1\frac{1}{2} - \frac{2}{10} = \underline{\quad} \mathbf{U}$
$\frac{4}{15} + \frac{3}{5} = \underline{\quad} \mathbf{L}$	Solve the riddle: Write the letter that goes with each answer:	
	$\frac{\quad}{7} \quad \frac{\quad}{8} \quad \frac{23}{4} \quad \frac{\quad}{6} \quad \frac{1}{12} \quad \frac{1}{6} \quad \frac{13}{10} \quad \frac{13}{15} \quad \frac{13}{15}$	

Q.2 Find the number that makes each inequality true. Put the letter in the box to find the answer to the question:

'Where do ants go on Vacation'



$5.23 < ? < 5.3$	$7.1 < ? < 7.54$	$1.32 > ? > 1.0$	$3.32 < ? < 3.44$	$4.03 < ? < 4.21$	$9.3 < ? < 10.11$
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C = 4.10 R = 7.11 F = 5.28 A = 1.02 E = 9.54 N = 3.42

Q. 3 **Case study: 1**

The picture shows the nutritional information on a packet of cookies. NUTRITIONAL INFORMATION PER 100g (Approx.). The cookies contain four types of fat.

Read the table and answer the questions given below:

Carbohydrate	70.56 g
Sugar	24.51 g
Protein	7.56 g
Fat:	10.91 g
a-Saturated Fatty Acids	
b-Monounsaturated Fatty Acids	8.21 g
c-Polyunsaturated Fatty Acids	2.72 g
d- Trans Fatty Acids	0 g
Cholesterol	0.056g

- How much total fat (in g) is in 100 g of cookies?
- Which fat content is the highest in the cookies?
- How much more sugar is there in cookies than the protein content?
- Arrange the nutritional content in descending order.

Case study: 2

Shobhit works for a shoe store. He records the shoe sizes and the number of pairs sold every day. On Tuesday, he sold 60 pairs. His record for the day is shown below.

Read the table and answer the questions given below:

Shoe size	Number of pairs sold
4	
5	
6	
7	
8	

- Which shoe size sold the most?
- Shobhit realized that he had not fully recorded the sale for Tuesday. How many sold pairs had he not recorded?
- How many pairs of size 8 were sold on Tuesday?
- The price of one shoe pair of size 5 is Rs 800. How much money had Shobhit collected by selling all the shoe pairs of size 5?

ADDITION & SUBTRACTION OF INTEGERS
IT'S FUN TIME ! PLAY AND WIN !!

General instructions to play:

- i) Print this sheet and Use an A4 size paper to write and solve the questions as many as possible using integers.
- ii) Roll a die each time to get a number to move forward. When you land on a ladder, add the numbers at the foot and top of the ladder. Similarly, when you land on a snake's mouth, subtract the number at the tail from the number at the head of the snake. Now you can start your game along with your friends and family members!!!

FINISH 100	99	98	97	96	95	-94	93	92	91
81	82	83	-84	-85	86	87	-88	89	90
80	79	78	77	76	-75	-74	73	-72	71
61	62	63	64	65	-66	67	68	69	70
60	59	58	-57	56	55	54	53	52	-51
41	42	43	44	45	46	-47	48	49	50
40	39	38	-37	36	35	34	33	32	31
21	22	23	24	-25	-26	-27	28	29	30
-20	-19	-18	17	16	15	14	13	12	-11
START 1	2	3	4	-5	6	7	8	9	-10