	SHREE VASISHTHA VIDHYALAYA				
+	Maths Worksheet 2024-25				
Name :		Std.:- V			
Roll No. :	Worksheet No. Term-1-01	Date :			
(L-6-Multiplication a	and Division of fractions and L- 17 – Patterns.)				
Q-1 Choose the corre	ct option.				
1) The reciprocal	of $\frac{2}{8}$ is				
a) $\frac{1}{4}$	b) $\frac{8}{2}$	c) $\frac{2}{8}$			
2) Which of the fo	bllowing sentence will give an answer 1/5?	0			
a) $\frac{1}{3} \times \frac{2}{1}$	b) $\frac{1}{11} \times \frac{11}{5}$	c) $\frac{3}{4} \times \frac{2}{5}$			
3) Which of the fo	ollowing is a square number?	TJ			
a) 36	b) 49	c) Both a and b			
4) The next number	er in the Sequence is 8, 88, 888 ,				
a) 8888	b) 88	c) 888			
5) What is the third	l triangular number?	a)10			
a) 0 0-2 Fill in the blanks	0) 3	6)10			
1) A whole num	• ber is a fraction with denominator .				
2) A	number is obtained by multiplying the number by	vitself.			
3) A	number is obtained when we add natural numbe	rs consecutively.			
4) A	pattern is formed by the repetition of a single un	it or shape, when repeated, fills			
the plane with	n no gaps and no overlaps.				
5) Reciprocals a	re number pairs that have the product				
O-3 Choose whether the statement is True or False.					
1) The reciproca	al of 0 is not defined				
2) $\frac{7}{7} \times 0 = \frac{7}{7}$					
$\begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $					
$\frac{3}{33} \times 1 - \frac{1}{33} \cdot -$					
4) Addition of fi	Itst four natural numbers gives a triangular number.				
O-4 Name the transformation (translation or reflection) used to create the following border patterns.					
	\succ				
	I				

Q-5 Match the following.

Column-A	Column-B	Ans:-
1) $1+3+5=9$	a) 25	1
2) Third triangular number	b) $\frac{3}{5}$	2
3) Half of a half of 40	c) square number	3
4) $\frac{2}{3} \times \frac{9}{10}$	d) 10	4
5) 1,4,9,16,	e) 6	5

Q-4 Solve the following.

1) Find $\frac{1}{12}$ of 7200	2) Divide 35 by $\frac{7}{3}$	3) $\frac{3}{8} \times \frac{12}{21}$	4) $\frac{2}{5}$ of 365 days
2	2 1	1 0	40 0 F
5) $\frac{2}{3} \div 5$	$6)1\frac{2}{3} \div 7\frac{1}{2}$	7) $\frac{1}{4}$ of $\frac{8}{3}$	8) $\frac{42}{15} \times \frac{3}{7} \times \frac{5}{36}$

Q-5 Story sums.

1) Shilpa has bought 3 kg of dry fruits. She wants to pack them in gift packs of $\frac{1}{4}$ kg each. How many gift packs will she be able to make?

2) Rani made a chapatti. She ate half of it. She gave the other half to three puppies. Each of them ate $\frac{1}{3}$ of it. What fraction of the whole chapatti did each puppy eat ?