

Session-2016-17

Summer Holiday Home Work

Class-VII

Subject - Maths

Q-1 Find the product:-

(a) $(-175) \times (-21)$

(b) $23 \times (-19)$

(c) 1048×105

Q-2 Simplify:

(a) $[34 \div (-17)] \times (-9)$

(b) $(-20) + (-18) \div (-6) - 8$

(c) $56 \times 4 \div 2 - 100$

Q-3 Find the additive inverse and multiplicative inverse of the following: (a) 35 (b) -46

Q-4 In an operation $*$ is so defined that

$$a * b = (a+b) - (a \times b)$$

find (a) $2 * 7$ (b) $-3 * 8$ (c) $-5 * 4$

Q-5 The product of two numbers is 84, one of the number is -12, what is the other number.

Q-6 The sum of two consecutive odd numbers is 205. Find these integers.

Q-7 Divide the sum of $\frac{65}{12}$ and $\frac{7}{8}$ by their difference.Q-8 Each side of a square is $7\frac{2}{3}$ m. Find its area and perimeter.Q-9 Marks obtained by 9 students of a class are as follows:- 12, 11, 2, 0, 3, 2, 4, 7, 2
Find: (a) Mean Marks
(b) Range.

Q-10 A bag contains 15 oranges, 13 bananas, 11 grapes and 5 onions. One of them is drawn from bag. Find the probability if drawn one is
 (a) orange. (b) not banana
 (c) onion and grapes.

Q-11 In a class test (+5) marks are awarded for correct answer and (-2) marks is awarded for incorrect answer. There is no provision to give mark for non attempted question. On the basis of this information give the answer of followings:-

(a) Sita has attempted 6 correct and 8 incorrect questions. What is her score?

(b) Mohan scored -10 marks. How many questions attempted incorrect by him if he attempts 8 correct questions.

Q-12 Draw a double bar graph of the following data:-

Subjects	Hindi	English	Maths	Science	sst
Marks in 1 st term	34	69	84	88	72
Marks in 2 nd term	45	49	67	99	65

CREATIVE WORK

S.No.

Description / Activity

- To verify the sum of three angles of a triangle is 180°
- To verify an exterior angle of a triangle is equal to the sum of its two interior opposite angles.

3. State the distributive property of multiplication under addition and verify it by using an example.
4. To verify the sum of any two sides of a triangle is greater than the third side.

Note . 1. Date of correction of H.H.W upto 3rd July 2016
2. Revise Ch- 1, 2, 3 and 4 for class test.