

Summer Holiday Home Work
Class - VII
Subject - Maths

1. Find the product : (a) $(-175) \times (-19)$
(b) $23 \times (-17)$
~~(c) $(-17) \times (-19)$~~
2. Simplify : (a) $[34 \div (-17)] \times (-6)$
(b) $(-20) + (-18) \div (-6) - 3$
3. Find the additive inverse and multiplicative inverse of the following : (a) 27 (b) -16
~~(c) -27~~
4. In an operation $*$ is so defined that $a * b = (a+b) - (a \times b)$
find (a) $2 * 6$ (b) $-3 * 5$ (c) $-4 * 3$
5. The product of two numbers is 84. One of the numbers is -21, what is the other number.
6. The sum of two consecutive odd numbers is 205. Find these integers.
7. Divide the sum of $\frac{55}{12}$ and $\frac{8}{7}$ by their difference.
8. Each side of a square is $7\frac{2}{3}$ m. Find its area and perimeter.
9. Marks obtained by 9 students of a class are as follows
12, 11, 3, 2, 0, 2, 4, 2, 7. Find :



(a) Mean Marks

(b) Range

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 (c) Onion and grapes
(b) not banana

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

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

Subjects	Hindi	English	Maths	Science	S.st
Marks in 1 st term	32	59	81	76	71
Marks in 2 nd term	43	47	63	99	56

CREATIVE WORK

S.No.

Description / Activity

1. To verify the sum of three angles of a triangle is 180° .

2. To verify an exterior angle of a triangle is equal to the sum of its two interior opposite angles.
3. To verify the sum of any two sides of a triangle is greater than the third side.
4. State the distributive property of multiplication under addition and verify it by using an example.

~~Example~~