Subject : Maths **Class 7** **Topic : Holiday Assignment.**

Assignment

Solve the following questions:

Q.1 what are Integers? Represent

a) -7+3 on number line

b)5-2 on number line?

Q.2 what is the absolute value of

a) 7 b)-6 c) -|-7|.

d)|-7|

Q.3 Find the sum of following Integers:

a)-11 + (-15)

b) -25 + (-17)

c) 9+ (-9)

d) -5 + 9

Q.4 Find the product of following Integers:

a)125 × (-8)

b) -8 × -9

c)-7× 8

d)-9×-15

Q.5 Divide the following :

a)102 ÷ 17

b)-98 ÷ (-14)

c) -91 ÷ 13

Q.6 Verify that

a) a + (b + c)= (a+b)+c

b) a × (b×c) =(a×b)×c

Q.7 If a=3 , b=5, c=2, Verify that

a) a × b=b×a

Hib) a× (b + c) = a ×b + a×c

c) a × b × c = b × c × a = c × a × b

Q.8 Verify that

a) a÷ (b + c) is not equal to (a÷b) +(a÷c)

for a =12, b= -4 ,c=2

Q.9 The product of two Integers is 270 .If one of the Integers is -18,find the other Integer.

Q.10 Convert into mixed fractions ?

a)49/5. b)78/5

c)68/9

Q.11 Which is greater ?

a) 2/5 or 5/6

b) 3/5 or 3/7

Q.12 Arrange in ascending order :

a) 3/4 ,7/12 ,5/6 ,11/12

b) 4/5 ,9/14, 16/35 ,6/10

ACTIVITY :

1.Make a Chart to Represent the following on number line :

a) -8+3

b) 7-2

c) 5 × (-4)

d) 3× (-5)

2. Make a Chart to show properties Of Integers:

a) Properties of Addition and subtraction of Integers.
b) Properties of Multiplication and Division of Integers.

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