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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) $a \times (b \times c) = (a \times b) \times c$

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

a) a \times b=b \times a

Hib) $a \times (b + c) = a \times b + a \times c$

c) $a \times b \times c = b \times c \times a = c \times a \times b$

Q.8 Verify that

a) $a \div (b + c)$ is not equal to $(a \div b) + (a \div c)$

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.