

## Home Assignment for Class VI

### Sub : Maths

#### Integers :

1. Find the sum of integers :

Eg : 83 and -43

solve :  $83 + (-43)$

Using the rule for addition of integers with unlike signs.

Try to remove the bracket

$$83 - 43$$

$$40$$

a) 153 and -302      b) -489 and -324

c) -238 and 500      d) 1005 and -277

e) -1000 and 438

2. Subtract :

Eg : 28 from -42

solve :  $-42 - (28)$

Using the rule for subtraction of integers with unlike signs.

Try to remove the bracket

$$-42 - 28$$

$$-70$$

a) -66 from -34      b) -37 from -53

c) -64 from 0      d) -153 from -240

e) 56 from 144

3. Subtract the sum of  $-1032$  and  $878$  from  $-34$ .
4. Subtract  $-134$  from the sum of  $38$  and  $-87$ .
5. Simplify :  $\{ -13 - (-27) \} + \{ -25 - (-40) \}$

## Factors and multiples :

1. Write down all the factors of :

Eg : 20

We know that

$$20 = 1 \times 20, 20 = 2 \times 10, 20 = 4 \times 5$$

which shows that the numbers  $1, 2, 4, 5, 10, 20$  exactly divide  $20$

$\therefore 1, 2, 4, 5, 10, 20$  are all factors of  $20$

- a) 36    b) 60    c) 75    d) 280    e) 128

2. Write the first five multiples of each of the following terms :

Eg : 17

First five multiples of 17 are

$$17 \times 1 = 17$$

$$17 \times 2 = 34$$

$$17 \times 3 = 51$$

$$17 \times 4 = 68$$

$$17 \times 5 = 85.$$

so, multiples of 17 are  $17, 34, 51, 68, 85$  . Ans

- a) 23    b) 65    c) 70    d) 87    e) 93

