

District Public School and College, Depalpur

E- Learning Project

Summer Task

Tutorial Links

Home Assignments, Work Sheets, Activities

Academic Session 2020-2021



Class : 6th

Student name: _____

Father name: _____

Date:6th july,2020

Day: Monday

Weblink: <https://youtu.be/LwLeLdzYzi0>

Exercise 2.3

Topic: laws of addition

2: Prove and identify law used in each of following.

a) $5 + 3 = 3 + 5$

Solution:

$$\text{L.H.S} = \text{R.H.S}$$

$$5 + 3 = 3 + 5$$

$$8 = 8$$

Hence prove that, L.H.S = R.H.S Commutative law of addition

b) $6 + (9 + 15) = (6 + 9) + 15$

Solution:

$$\text{L.H.S} = \text{R.H.S}$$

$$6 + (9 + 15) = (6 + 9) + 15$$

$$6 + 24 = 15 + 15$$

$$30 = 30$$

Hence prove that L.H.S = R.H.S Associative law of addition

3: a) $123+(231+321)=(123+231) +321$

Solution:

b) $26+49 =49+26$

Solution:

c) $(10+100)+1000=10+(100+1000)$

Solution:

d) $(44 +66)+55=44+(66+55)$

solution:

Learn and write table of 17

$17 \times 1 = 17$	
$17 \times 2 = 34$	
$17 \times 3 = 51$	
$17 \times 4 = 68$	
$17 \times 5 = 85$	
$17 \times 6 = 102$	
$17 \times 7 = 119$	
$17 \times 8 = 136$	
$17 \times 9 = 153$	
$17 \times 10 = 170$	
$17 \times 11 = 187$	
$17 \times 12 = 204$	

Date: 7th july,2020

Day: Tuesday

Exercise 2.4

Weblink: https://youtu.be/10weyl8wH_c

Topic: multiplication and division of whole number

1: a) Find product of following

87×62

$$\begin{array}{r} 87 \\ \times 62 \\ \hline 174 \\ 522 \times \\ \hline 5394 \end{array}$$

$87 \times 62 = 5394$

b) solve: 456×150

solution:

c) 1572×241

Solution:

2: a) solve $748 \div 11$

$$\begin{array}{r} 68 \\ 11 \overline{)748} \\ \underline{-66} \\ 88 \\ \underline{-88} \\ 0 \end{array}$$

$$748 \div 11 = 68$$

b) $54756 \div 234$

solution:

c) $9801 \div 81$

solution:

Learn and write table of 18

$18 \times 1 = 18$	
$18 \times 2 = 36$	
$18 \times 3 = 54$	
$18 \times 4 = 72$	
$18 \times 5 = 90$	
$18 \times 6 = 108$	
$18 \times 7 = 126$	
$18 \times 8 = 144$	
$18 \times 9 = 162$	
$18 \times 10 = 180$	
$18 \times 11 = 198$	
$18 \times 12 = 216$	

Date: 8th july,2020

Day: Wednesday

Topic: Law of multiplication

Weblink: <https://youtu.be/cTgVuJyqtk4>

Commutative law

Consider any two whole number say 2 , 3 and multiply them in given order:

$$2 \times 3 = 6$$

Now change the order and perform the multiplication again:

$$3 \times 2 = 6$$

Associative law

Consider any three whole number say 2 ,3 and 5.

$$(2 \times 3) \times 5 = 2 \times (3 \times 5)$$

Distributive law

Consider any whole number 2 ,3and 4 we multiply one whole number by the sum of other two

$$2 \times (3 + 4) = (2 \times 3) + (2 \times 4)$$

Exercise 2.5

1 a) Fill in the blanks with the help of laws of multiplication

$$\underline{\quad} \times 2 = \underline{\quad} \times 4$$

Solution:

$$4 \times 2 = 2 \times 4$$

b) $3 \times (2 \times 5) = (\underline{\quad} \times \underline{\quad}) \times \underline{\quad}$

solution

—

c) $5 \times _ = 6 \times _$

solution:

—

d) $2 \times (1+2) = _ \times 1 + 2 \times 2$

solution:

_____ **2 : Prove and identify the law used in each of following:**

a) $1 \times (3 \times 2) = (1 \times 3) \times 2$

$$\text{L.H.S} = \text{R.H.S}$$

$$1 \times (3 \times 2) = (1 \times 3) \times 2$$

$$1 \times 6 = 3 \times 2$$

$$6 = 6$$

Hence prove that L.H.S = R.H.S

Associative law with respect to multiplication

b) $2 \times (1+5) = (2 \times 1) + (2 \times 5)$

Solution:

—

c) $3 \times (4-1) = (3 \times 4) - (3 \times 1)$

solution:

Learn and write table of 19

$19 \times 1 = 19$	
$19 \times 2 = 38$	
$19 \times 3 = 57$	
$19 \times 4 = 76$	

$19 \times 5 = 95$	
$19 \times 6 = 114$	
$19 \times 7 = 133$	
$19 \times 8 = 152$	
$19 \times 9 = 171$	
$19 \times 10 = 190$	
$19 \times 11 = 209$	
$19 \times 12 = 228$	

Date: 9th July, 2020

Day: Thursday

Topic: Work sheet

Adding with missing numbers

Find the missing number

- 1) _____ + 91 + 5623 + 911 = 6630
- 2) $38 + 58 + 8798 +$ _____ $= 9543$
- 3) _____ + 1297 + 26 + 17 = 2011
- 4) $10566 = 849 +$ _____ $+ 62 + 97$
- 5) _____ + 84 + 6997 + 225 = 7356
- 6) _____ + 956 + 6348 + 79 = 7399
- 7) _____ + 858 + 1048 + 85 = 2063
- 8) $7908 = 18 + 76 +$ _____ $+ 376$

Learn and write table 20

$20 \times 1 = 20$	
$20 \times 2 = 40$	
$20 \times 3 = 60$	
$20 \times 4 = 80$	
$20 \times 5 = 100$	
$20 \times 6 = 120$	
$20 \times 7 = 140$	
$20 \times 8 = 160$	
$20 \times 9 = 180$	
$20 \times 10 = 200$	
$20 \times 11 = 220$	
$20 \times 12 = 240$	

Date :10th july,2020

Day: Friday

Work sheet:

Fill in the missing factor

1) $108 = 9 \times \underline{\hspace{2cm}}$

2) $112 = \underline{\hspace{2cm}} \times 16$

3) $26 = 2 \times \underline{\hspace{2cm}}$

4) $56 = \underline{\hspace{2cm}} \times 14$

5) $\underline{\hspace{2cm}} \times 17 = 153$

6) $4 \times \underline{\hspace{2cm}} = 36$

7) _____ \times 10=170

8) 13 \times _____ =169

9) _____ \times 18=342

10) 168=_____ \times 12

11) _____ \times 14=168

12) 6 \times _____ =102

13) 156=_____ \times 13

14) 19 \times _____ =342

15) 204= 12 \times _____

Learn and write table of 19

19 \times 1 = 19	
19 \times 2 = 38	
19 \times 3 = 57	
19 \times 4 = 76	
19 \times 5 = 95	
19 \times 6 = 114	
19 \times 7 = 133	
19 \times 8 = 152	
19 \times 9 = 171	
19 \times 10 = 190	
19 \times 11 = 209	
19 \times 12 = 228	

Date: 11th July, 2020

Day: Saturday

Unit no 3 Factors and Multiples

weblink: https://youtu.be/GQ_kixqHI4I

Factorization:

The process of writing a number into its factor is called factorization.

Exercise: 3.1

1 : a) Write all factor of 48 :

Solution :

Factors of 48 = 1,2,3,4,6,8,12,16,24,48.

b) write all factor of 36

solution:

2: a) Write first five multiples of 9:

Solution:

First five multiples of 9= 9,18,27,36,45.

b) write first five multiples of 12:

solution:

3: a) List all prime numbers between 32 and 48

Solution:

Prime numbers between 32 and 48 are: 37, 41, 43, 47

b) Write prime number between 25 and 60

solution:

4: Write all composite number less than 20

Solution:

5: write all prime number less than 15

Solution:

6: write five consecutive composite number just below 50

Solution:

Learn and write table 18

$18 \times 1 = 18$	
$18 \times 2 = 36$	
$18 \times 3 = 54$	
$18 \times 4 = 72$	
$18 \times 5 = 90$	
$18 \times 6 = 108$	
$18 \times 7 = 126$	
$18 \times 8 = 144$	
$18 \times 9 = 162$	
$18 \times 10 = 180$	
$18 \times 11 = 198$	
$18 \times 12 = 216$	

Date:13th July, 2020

Day: Monday

weblink: <https://youtu.be/pqxQx4h2hMk>

Exercise: 3.3

1: Express the factors by using index notation.

a) $13 \times 13 \times 13$

Solution:

$$13 \times 13 \times 13$$

Index notation = $(13)^3$ (3 to the power of 13)

b) $7 \times 7 \times 11 \times 23 \times 23$

c) $11 \times 11 \times 11 \times 11$

Learn and write table 17

$17 \times 1 = 17$	
$17 \times 2 = 34$	
$17 \times 3 = 51$	
$17 \times 4 = 68$	
$17 \times 5 = 85$	
$17 \times 6 = 102$	
$17 \times 7 = 119$	
$17 \times 8 = 136$	
$17 \times 9 = 153$	
$17 \times 10 = 170$	
$17 \times 11 = 187$	
$17 \times 12 = 204$	

Date 14th July,2020

Day:Tuesday

Weblink: <https://youtu.be/CGgIBgo1mZo>

Exercise 3.3

Topic: prime factor by division:

3: Write prime factor by using division method 20

Solution:

$$\begin{array}{r|l} 2 & 20 \\ \hline 2 & 10 \\ \hline 5 & 5 \\ \hline & 1 \end{array}$$

b) 98

solution:

d) 2310

Solution:

4: Factorize numbers into prime factor by using the factor tree method.

a) 24

24

/ \

2 x 12

/ \

2 x 2 x 6

/ / \

2 x 2 x 2 x 3

Hence prime factor of 24 are: $2 \times 2 \times 2 \times 3$

b) 36

Solution:

c) 462

Solution :

Learn and write table 16

$16 \times 1 = 16$	
$16 \times 2 = 32$	
$16 \times 3 = 48$	
$16 \times 4 = 64$	
$16 \times 5 = 80$	
$16 \times 6 = 96$	
$16 \times 7 = 112$	
$16 \times 8 = 128$	
$16 \times 9 = 144$	
$16 \times 10 = 160$	
$16 \times 11 = 176$	
$16 \times 12 = 192$	

Date :15th July,2020

Day: Wednesday

Topic: common factor

weblink: <https://youtu.be/csLXBiCDQx0>

Exercise 3.4

1: Find all common factors.

a) 6 and 10

Factors of 6 are: 1,2,3,6

Factors of 10 are :1,2,5,10

Common factors:1,2

b) 12 , 18

2: Find HCF by common factors

a) 24,36

Factors of 24 are =1,2,3,4,6,12,24

Factors of 36 are = 1,2,3,4,9,12,18,36

Common factors=1,2,3,4,12

HCF=12

b) 16 ,20 .

c) 35, 20, 45

Learn and write table 15

$15 \times 1 = 15$	
$15 \times 2 = 30$	
$15 \times 3 = 45$	
$15 \times 4 = 60$	
$15 \times 5 = 75$	
$15 \times 6 = 90$	

$15 \times 7 = 105$	
$15 \times 8 = 120$	
$15 \times 9 = 135$	
$15 \times 10 = 150$	
$15 \times 11 = 165$	
$15 \times 12 = 180$	

Date: 16th July, 2020

Day: Thursday

Topic: HCF

Weblink: https://youtu.be/64_SuPz6YUM

Exercise 3.4

3: Find HCF by using the prime factorization method

a) 12, 18

2	12
2	6
3	3
	1

2	18
3	9
3	3
	1

Prime factors of 12 are = $2 \times 2 \times 3$

Prime factors of 18 are = $2 \times 3 \times 3$

HCF: $2 \times 3 = 6$

b) 24 , 48

c) 16, 54, 84

4: Find HCF by long division method.

a) 72, 184

$$\begin{array}{r} 2 \\ 72\sqrt{184} \\ -144 \\ \hline 40\sqrt{72} \quad 1 \\ 40 \\ \hline 32\sqrt{40} \quad 1 \\ 32 \\ \hline 8\sqrt{32} \quad 4 \\ 32 \\ \hline 0 \end{array}$$

HCF: 8

b) 399, 665, 1463

Learn and write table 14

14 × 1 = 14	
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$14 \times 2 = 28$	
$14 \times 3 = 42$	
$14 \times 4 = 56$	
$14 \times 5 = 70$	
$14 \times 6 = 84$	
$14 \times 7 = 98$	
$14 \times 8 = 112$	
$14 \times 9 = 126$	
$14 \times 10 = 140$	
$14 \times 11 = 154$	
$14 \times 12 = 168$	

Date: 17th July, 2020

Day: Friday

Exercise: 3 .5

Topic: L C M by common multiple

Weblink: <https://youtu.be/lomSIhEZGXE>

Q 1 Find L C M by finding their common multiples.

a) 2, 4

Multiples of 2 = 2, 4, 6, 8,

Multiples of 4 = 4 , 8 , 12 , 16

Common multiples = 4 , 8

L C M = 4

b) 8 , 12

c) 10,15

2 : Find L C M by prime factorization

a) 18 , 24

2	18
3	9
3	3

2	24
2	12
2	6

Fact of 18 = $2 \times 3 \times 3$

Factor of 24 are = $2 \times 2 \times 2 \times 3$

Common factor = 2,3

Non common factor = 2,3,3

LCM = $2 \times 3 \times 3 \times 2 \times 2 = 72$

b) 25 , 35 , 45

Learn and write table 13

$13 \times 1 = 13$	
$13 \times 2 = 26$	
$13 \times 3 = 39$	
$13 \times 4 = 52$	
$13 \times 5 = 65$	
$13 \times 6 = 78$	
$13 \times 7 = 91$	
$13 \times 8 = 104$	
$13 \times 9 = 117$	
$13 \times 10 = 130$	
$13 \times 11 = 143$	
$13 \times 12 = 156$	

Date: 18th july, 2020

Day: Saturday

Exercise: 3.5

Weblink: https://youtu.be/FQzr_i267lk

Topic: LCM by division method
3 : Find LCM by division method

a) 27,81,54

2	27, 81, 54
3	27, 81, 27
3	9, 27, 9
3	3, 9, 3
3	1, 3, 1
	1, 1, 1

$$\text{LCM} = 2 \times 3 \times 3 \times 3 \times 3 = 162$$

b) 112, 120, 150

4: The HCF of two numbers 525 and 1155 is 105 .find their LCM

Solution:

$$1 \text{ first number} = 525$$

$$2 \text{nd number} = 1155$$

$$\text{HCF} = 105$$

$$\text{First number} \times \text{second number} = \text{LCM} \times \text{HCF}$$

$$525 \times 1155 = \text{LCM} \times 105$$

$$525 \times 1155$$

$$\frac{\quad}{105} = \text{LCM}$$

$$105$$

$$\text{LCM} = 5775$$

5 : The HCF of two number is 16 and their product is 3328 .find their LCM

Learn and write table 12

$12 \times 1 = 12$	
$12 \times 2 = 24$	
$12 \times 3 = 36$	

$12 \times 4 = 48$	
$12 \times 5 = 60$	
$12 \times 6 = 72$	
$12 \times 7 = 84$	
$12 \times 8 = 96$	
$12 \times 9 = 108$	
$12 \times 10 = 120$	
$12 \times 11 = 132$	
$12 \times 12 = 144$	

Date: 20th July, 2020

Day: Monday

Topic: objective exercise

Unit 3

Factors and Multiples

Fill in the blanks.

1- The numbers having no common factor other than 1 are called _____ numbers.

2- A number having a factor other than 1 and itself is called _____ number.

3- _____ is the only even prime number.

4- A number is divisible by _____ if the digit at the units place is 0 or even number.

5- The process of writing a number into its factors is called _____

Tick correct answer:

6- The factor of every number is:

- (a) 0 (b) 1 (c) 2 (d) 3

7- Every number greater than 1 has at least factors:

- (a) one (b) two (c) three (d) four

8- A number is divisible by 6, if it has even number at the unit place and the sum of its digits is divisible by:

- (a) 2 (b) 3 (c) 6 (d) 12

9-The LCM of 2 and 3 is:

- (a) 2 (b) 3 (c) 4 (d) 6

10- If the LCM of two numbers 4 and 9 is 36, then its HCF is:

- (a) 1 (b) 2 (c) 9 (d) 12

FACTORS:

A number that divides a given number exactly is called a factor of the given number .

Multiples :A multiple of a number is the product of that number and non zero whole number

Types of natural number

Even numbers: The number which are divisible by 2 are called even number

Odd numbers:

The number which are not divisible by 2 are called odd number .

Prime numbers:

A number having exactly two factors,1 and the number itself ,is called the prime number , i.e 2,3,5,7,11..... are all prime numbers .

Composite numbers:

A number having factor other than 1 and itself is called a composite number.

Date:21st july,2020

Day: Tuesday

Work sheet

Choose the best answer.

1) What is factor?

- a) a number that divides a given number exactly is called a factor of the given number
- b) The product of given whole number and an other whole number
- c) The greatest factor that two or more numbers have in common.
- d) The smallest number that is a multiple of two or more number

2) what is multiple?

- a) A number multiplied by an other number to find a product
- b) The product of a given whole number and an other whole number.
- c) The greatest factor that two or more number have in common
- d) The smallest number that is a multiple of two or more numbers

3)what are the factor of 12?

- a) 1,2,6,12
- b) 1,2,3,6,12

c) 1, 2, 24, 36, 48, 60

d) 1, 2, 3, 4, 6, 12

4) what are the multiples of 8?

a) 1, 2, 4, 8

b) 8, 16, 24, 36, 45

c) 8, 16, 24, 36, 40

d) 8, 16, 24, 32, 40

5) what is the HCF of 12 and 18?

a) 3

b) 6

c) 9

d) 12

6) what is the HCF of 27 and 30?

a) 1

b) 3

c) 9

d) 10

7) What is the LCM of 4 and 6?

a) 4

b) 12

c) 6

d) 24

8) what is the LCM of 3 and 5?

a) 45

b) 30

c) 15

d) 60

learn and write table 11

$11 \times 1 = 11$	
$11 \times 2 = 22$	
$11 \times 3 = 33$	
$11 \times 4 = 44$	
$11 \times 5 = 55$	
$11 \times 6 = 66$	
$11 \times 7 = 77$	
$11 \times 8 = 88$	
$11 \times 9 = 99$	
$11 \times 10 = 110$	
$11 \times 11 = 121$	
$11 \times 12 = 132$	

Date: 22nd July, 2020

Day: Wednesday

Unit 4

Exercise 4.1

weblink : https://youtu.be/U23MU_TZBzl

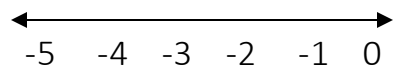
Topic: Integers

INTEGERS :

The whole number 0,1,2... together with negative numbers -1,-2,-3.... are called integers

1 : Draw the number line and mark the numbers

a) -5 to 0



b) -4 to +1

2: Fill in blanks with > or < .

a) 6 __ 5

b) 8 __ -10

c) -2 __ 0

3: Which is greater than -101 or -111?

Solution: - 101

4: which is smaller than -99 or -199 ?

5: Write Integers between?

a) 2 and 6

solution: 3,4,5

b) -2 and 3

Solution:

Learn and write table 12

$12 \times 1 = 12$	
$12 \times 2 = 24$	
$12 \times 3 = 36$	
$12 \times 4 = 48$	
$12 \times 5 = 60$	
$12 \times 6 = 72$	
$12 \times 7 = 84$	

$12 \times 8 = 96$	
$12 \times 9 = 108$	
$12 \times 10 = 120$	
$12 \times 11 = 132$	
$12 \times 12 = 144$	

Date: 23rd July, 2020

Day: Thursday

Exercise 4.1

Topic: integers

Weblink: <https://youtu.be/VJ9FmGYfXDs>

6: Give two possible integers.

a) $0 <$

Solution:

1, 2

b) > -3

Solution:

7: Write three integers smaller than 2

Solution:

-1,0,1

8: Write four integers greater than - 2

Solution:

9: a) Find numerical value of 3

Solution:

$$|3| = 3$$

Numerical value of 3 is 3

c) -8

10: write the integers whose numerical value is 0

11: Arrange the given integers in ascending and descending order

a) -4,1,-2,0

Ascending orders=-4, -2, 0, 1

Descending order=1, 0,- 2,- 4

b) 1, -3,- 4, 0

Learn and write table 13

$13 \times 1 = 13$	
$13 \times 2 = 26$	
$13 \times 3 = 39$	
$13 \times 4 = 52$	
$13 \times 5 = 65$	
$13 \times 6 = 78$	
$13 \times 7 = 91$	
$13 \times 8 = 104$	
$13 \times 9 = 117$	
$13 \times 10 = 130$	
$13 \times 11 = 143$	
$13 \times 12 = 156$	

Date :24th July,2020

Day: Friday

Exercise 4.2

weblink: https://youtu.be/Gnds6jd_XI0

Topic: Addition of (two digit) integers

1: Find sum of following.

a) $(+5) + (+2)$

Solution:

$$= 5 + 2$$

$$= 7$$

b) $(+10) + (-2)$

Solution: $(+10)+(-2)$

$$= 10-2$$

$$= 8$$

c) $(-7) + (+6)$

Solution:

d) $(-27)+(-19)$

e) $(-13)+(-11)$

3: Fill in blanks

a) $(+3) + (-6) =$ _____

$+3 -6 =$ _____

$-3 =$ _____

b) $(-6) + (-9) =$ _____

c) **___ + (-17) = (+2)**

Write and learn table 14

$14 \times 1 = 14$	
$14 \times 2 = 28$	
$14 \times 3 = 42$	
$14 \times 4 = 56$	
$14 \times 5 = 70$	
$14 \times 6 = 84$	
$14 \times 7 = 98$	
$14 \times 8 = 112$	
$14 \times 9 = 126$	
$14 \times 10 = 140$	
$14 \times 11 = 154$	
$14 \times 12 = 168$	

Date: 25th July, 2020

Day: Saturday

Topic: addition of (three digit) integers

Weblink: <https://youtu.be/fzRu9kBxMRE>

4: Solve the following

a) $[(-1) + (-1)] + (-5)$

Solution☺ $[(-1) + (-1)] + (-5)$

$$=[-1-1] + (-5)$$

$$=-2-5$$

$$= -7$$

b) $[(-2) + (-6)] + (+4)$

Solution:

c) $(-18) + [(25) + (-30)]$

Solution:

d) $[(+3) + (+5)] + (-1)$

Learn and write table of 15

$15 \times 1 = 15$	
$15 \times 2 = 30$	
$15 \times 3 = 45$	
$15 \times 4 = 60$	
$15 \times 5 = 75$	
$15 \times 6 = 90$	
$15 \times 7 = 105$	
$15 \times 8 = 120$	
$15 \times 9 = 135$	
$15 \times 10 = 150$	
$15 \times 11 = 165$	
$15 \times 12 = 180$	

Date: 27th July, 2020

Day: Monday

Exercise 4.3

weblink: https://youtu.be/MWNLSKwIh_g

https://youtu.be/MWNLsKwIh_g

Topic: subtraction of (two digit) integers

1: simplify

a) $(+4)-(+1)$

Solution:

$$(+4)-(+1)$$

$$+4-1= 3$$

b) $(+8)-(+5)$

Solution:

c) $(+69)-(-21)$

Solution:

d) $(-42) - (-21)$

e) $(+102) - (-133)$

2: fill in the blanks

a) $(+2) - (\underline{\quad}) = (-7)$

b) $(-8) - (\underline{\quad}) = (-12)$

c) $(\underline{\quad}) - (-3) = (+9)$

d) $(-1 \quad \quad \quad 1) - (-13) = (\underline{\quad})$

Learn and write table 16

$16 \times 1 = 16$	
$16 \times 2 = 32$	
$16 \times 3 = 48$	
$16 \times 4 = 64$	
$16 \times 5 = 80$	
$16 \times 6 = 96$	
$16 \times 7 = 112$	
$16 \times 8 = 128$	
$16 \times 9 = 144$	

$16 \times 10 = 160$	
$16 \times 11 = 176$	
$16 \times 12 = 192$	

Date: 28th July, 2020

Day: Tuesday

Topic: Subtraction of (three digit) integers

Exercise 4.3

weblink: <https://youtu.be/0fnPpRw2Nbo>

3: simplify

a) $[(-8)-(-6)]-(-4)$

Solution:

$$= [-8+6]+4$$

$$= -2+4= +2$$

b) $[(+11)-(+5)]-(+19)$

Solution:

c) $[(+100)-(+50)]-(+25)$

Solution:

$$[(+23) - (-9)] - (+9)$$

4: subtract -111 from +111

Solution :

5: the sum of two integers is -99 . one integer is -66 , find the other

Learn and write table 17

$17 \times 1 = 17$	
$17 \times 2 = 34$	
$17 \times 3 = 51$	
$17 \times 4 = 68$	
$17 \times 5 = 85$	
$17 \times 6 = 102$	
$17 \times 7 = 119$	
$17 \times 8 = 136$	
$17 \times 9 = 153$	
$17 \times 10 = 170$	
$17 \times 11 = 187$	
$17 \times 12 = 204$	

Date :29th July ,2020

Day: Wednesday

Exercise 4.4

weblink: https://youtu.be/_FD9C763ufo

Multiplication of (two digit) integers

1: Fill in blanks

a) $(+6) \times (-3) = \underline{\hspace{2cm}}$ a)

-18

b) $\underline{\hspace{2cm}} \times (+11) = 121$

c) $(_) \times (_) = \underline{\hspace{2cm}}$

2: Find Product

a) +3,+4

Sol: $(+3) \times (+4)$

= +12

b) -6 , -2

Solution:

c) +5 , -5

Solution:

d) +100 ,-8

solution:

Write and learn table18

$18 \times 1 = 18$	
$18 \times 2 = 36$	
$18 \times 3 = 54$	
$18 \times 4 = 72$	
$18 \times 5 = 90$	
$18 \times 6 = 108$	
$18 \times 7 = 126$	
$18 \times 8 = 144$	
$18 \times 9 = 162$	
$18 \times 10 = 180$	
$18 \times 11 = 198$	
$18 \times 12 = 216$	

Date: 30th July,2020

Day: Thursday

Topic: multiplication Of (3 Or 4) digit integers

Weblink: <https://youtu.be/oc5Z-ttFUX8>

Exercise 4.4

3: Simplify

a) $(-1) \times (-1) \times (-1) \times (-1)$

Solution:

$$(-1) \times (-1) \times (-1) \times (-1)$$

$$= (+1) \times (+1)$$

$$= +1$$

b) $[(-18) \times (3)] \times (2)$

Solution:

c) $(+1) \times (-2) \times (+3) \times (+4)$

d) $[(25) \times (-8)] \times (-16)$

Learn and write table 19

$19 \times 1 = 19$	
$19 \times 2 = 38$	
$19 \times 3 = 57$	
$19 \times 4 = 76$	
$19 \times 5 = 95$	
$19 \times 6 = 114$	
$19 \times 7 = 133$	
$19 \times 8 = 152$	
$19 \times 9 = 171$	
$19 \times 10 = 190$	
$19 \times 11 = 209$	
$19 \times 12 = 228$	

