New Era Public School

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Class :- 3rd MATH "A" Subject :- Mathematics

Session: 2021

Solved Assignment of unit 2nd

Topic :- Subtraction without borrowing

Book work Chapter NO. 15

Subtract :-> Exercise NO. 24

1.
$$\begin{array}{r} 86 \\ -\,66 \\ \hline 20 \end{array}$$

2.
$$\begin{array}{r} 47 \\ -\,6 \\ \hline 41 \end{array}$$

3.
$$\begin{array}{r} 77 \\ -\,33 \\ \hline 44 \end{array}$$

Exercise NO. 25 Book work

Subtract :->

1.
$$\begin{array}{r} \text{Th H T O} \\ 8709 \\ -\,5203 \\ \hline 3506 \end{array}$$

2.
$$\begin{array}{r} \text{Th H T O} \\ 3769 \\ -\,1545 \\ \hline 2224 \end{array}$$

3.
$$\begin{array}{r} \text{Th H T O} \\ 5868 \\ -\,2034 \\ \hline 3834 \end{array}$$

[Do Remaining parts of Ex NO. 24 + 25 yourself]

P. T. O →

Exercise NO. 26 Book work

Subtract mentally :->

1, 8001 - 1 = 8000

2, 6060 - 6060 = 0

3, 7171 - 1 = 7170

[Do Rest of parts yourself]

Topic : Subtraction with borrowing

Book work Chapter NO. 16

Exercise NO :- 27

Subtract :->

1,

Th	H	T	O
8	5	⑤ 6	17
- 3	1	2	9
5	4	3	8

2,

Th	H	T	O
9	7	⑥ 13	6
-4	5	8	2
5	1	5	4

3,

Th	H	T	O
3	⑧ 12	5	
- 1	3	7	3
2	4	5	2

Book work :- Exercise NO. 28

How much is?

1. One less than 10000 (10000 - 1) = 9999

2. One hundred more than 10000 (10000 + 100) = 10100

3. One thousand more than 10000 (10000 + 1000) = 11000

[Do Rest parts of Ex NO. 27 + 28 yourself]

Exercise No. 2.9 Book work P. No. 3

Q.1 Subtract :->

a)
	Th	H	T	O
	~~9~~ 8	~~10~~ 9	~~10~~ 9	12
-	3	8	4	5
	5	1	5	7

b)
	Th	H	T	O
	~~6~~ 5	~~10~~ 9	~~10~~ 9	11
-	2	3	4	5
	3	6	5	6

d)
	Th	H	T	O
	~~4~~ 3	~~10~~ 9	~~10~~ 9	10
-	1	9	9	1
	2	0	0	9

[Do Rest 3 parts yourself]

Note book work

Q.2 Word Problems :

a) A toy costs Rs 1098. Raman has only Rs 1020. How much more money does he need to buy the toy?

Sol:. Total cost of a toy = Rs 1098

Money in hand = 1020

∴ Money needed = Rs 1098 − 1020 = 0078 ⇒ Rs 78

c) There are 2458 students in the school. Out of them, 1223 are girls. How many are boys in the school?

Sol: Total No. Of students in the school = 2458

No. of girls in the school = − 1223

∴ No. of boys in the school = 1235

P.T.O →

Q. Neha had 8080 stamps. She gave 4242 stamps to Meeta. How many stamps are left with her?

Sol. Total No. of stamps Neha had = 8080

No. of stamps Neha gave to Meeta = 4242

∴ No. of stamps left with Neha = 8080 − 4242

$$\begin{array}{r} 8080 \\ -\,4242 \\ \hline 3838 \end{array}$$

Book Work — Exercise No. 30

Fill in the Missing Numbers:

1, $\begin{array}{r} 7349 \\ -\,6125 \\ \hline 1224 \end{array}$

2, $\begin{array}{r} 8320 \\ -\,4110 \\ \hline 4210 \end{array}$

4, $\begin{array}{r} 6897 \\ -\,4452 \\ \hline 2445 \end{array}$

Topic: Subtraction involving Addition

Book Work — Chapter No. 17

Exercise No. 31

Fill the correct number in each box:

1, 5000 + 1000 − 2000 = 4000

2, 6000 + 2000 − 7000 = 1000

3, 2000 + 2000 − 1000 = 3000

[Do Rest parts of Ex. No. 30 & 31 yourself].

Book Work Exercise No. 32 P. No. 5

Fill the correct number in each box:

1. 2198 + 4325 − 3254 = **3269**

Rough:- $2198 + 4325 = 6523$ ⇒ $6523 - 3254 = 3269$

2. 5327 + 1235 − 2354 = **4208**

Rough:- $5327 + 1235 = 6562$ ⇒ $6562 - 2354 = 4208$

3. 1789 + 2123 − 1159 = **2753**

Rough:- $1789 + 2123 = 3912$ ⇒ $3912 - 1159 = 2753$

[Do Rest of parts yourself]

Notebook Work Exercise No. 33

Q Word problems:

1. Nida had 2435 stamps. She gave 1455 stamps to Mohit. Mohit gave 155 stamps back to Nida. How many stamps does Nida have now?

Sol:- Total No. of stamps Nida had = 2435

No. of stamps Nida gave to Mohit = 1455

No. of stamps Mohit gave back to Nida = 155

∴ No. of stamps Nida had now =

$2435 - 1455 = 0980$ ⇒ $980 + 155 = 1135$ ⇒ **1135 stamps**

P.T.O →

3, The population of the village is 7423. There are 2878 children and 3261 women. What is the number of men in the village?

Sol: Total population of the village = 7423

No. of children in the village = 2878.

No. of women in the village = 3261

∴ No. of men in the village

= 7423 - (2878 + 3261)

= 7423 - 6139

= **1284 men**

Rough :-

$$\begin{array}{r} 2878 \\ +\ 3261 \\ \hline 6139 \end{array} \qquad \begin{array}{r} 7423 \\ -\ 6139 \\ \hline 1284 \end{array}$$

5, From the sum of greatest 2-digit & 3-digit numbers, subtract the smallest 4-digit number.

Sol: Greatest 2-digit No. = 99

Greatest 3-digit No. = 999

Sum =

$$\begin{array}{r} 99 \\ +\ 999 \\ \hline 1098 \end{array}$$

Smallest 4-digit No. = 1000

Difference / Subtract =

$$\begin{array}{r} 1098 \\ -\ 1000 \\ \hline 0098 \end{array} = \boxed{98}$$

Topic :- Building Multiplication Table

Book Work Chapter No. 18

Exercise No. 34

Q:- Complete with the help of multiplication tables :

Table of 12

12 x 1 = 12
12 x 2 = 24
12 x 3 = 36
12 x 4 = 48
12 x 5 = 60
12 x 6 = 72
12 x 7 = 84
12 x 8 = 96
12 x 9 = 108
12 x 10 = 120

[Complete the tables of 13 + 18 yourself]

Book Work Exercise No. 35

Q:- Find the product using multiplication tables:

1) T O
   1 5
x 8
1 2 0

2) T O
   1 7
x 3
5 1

3) T O
   1 1
x 6
6 6

[Do Rest parts yourself]

P.T.O →

Topic: Multiplication

Chapter No. 19

Exercise No. 36 Book work

Q1: Multiply:-

a, $4 \times 0 = \boxed{4}$ b, $6 \times 6 = \boxed{36}$ C, $16 \times 0 = \boxed{0}$

d,
$$\begin{array}{r} 43 \\ \times\ 2 \\ \hline 86 \end{array}$$

Q2: Multiply:-

a,
$$\begin{array}{r} {}^{1}52 \\ \times\ 5 \\ \hline 260 \end{array}$$

b,
$$\begin{array}{r} 50 \\ \times\ 5 \\ \hline 250 \end{array}$$

C,
$$\begin{array}{r} {}^{3}78 \\ \times\ 4 \\ \hline 312 \end{array}$$

Exercise No. 37 Book work

Q1: Multiply.

a, Twelve threes are $12 \times 3 = 36$

b, Nineteen eights are $19 \times 8 = 152$

C, Seventeen fives are $17 \times 5 = 85$

Q2: Fill in the boxes using multiplication tables: Book work

a, $13 \times 8 = \boxed{104}$ b, $14 \times \boxed{6} = 84$

C, $18 \times 4 = \boxed{72}$

Q3: Multiply in your Note book/ Copy work:

a,
$$\begin{array}{r} {}^{2}55 \\ \times\ 4 \\ \hline 220 \end{array}$$

C,
$$\begin{array}{r} {}^{2}23 \\ \times\ 7 \\ \hline 161 \end{array}$$

e,
$$\begin{array}{r} {}^{1}34 \\ \times\ 4 \\ \hline 136 \end{array}$$

[Do Rest parts of Ex No. 36 & 37 On book & Note book by yourself respectively]

Topic: Multiplication of Three numbers Chapter No. 20

Book Work : Exercise No. 38

1, $3 \times 5 \times 6 = (3 \times 5) \times 6 = \boxed{15} \times 6 = \boxed{90}$ (③)

2, $5 \times 6 \times 3 = (5 \times 6) \times 3 = \boxed{30} \times 3 = \boxed{90}$ (③)

Book Work Exercise No. 39

Q:- Find the missing numbers.

1. $7 \times \boxed{8} \times 6 = 56 \times 6 = \boxed{336}$ (③)

2. $\boxed{8} \times 4 \times 3 = 32 \times 3 = \boxed{96}$ (③)

3. $3 \times 2 \times \boxed{4} = \boxed{6} \times \boxed{4} = 24$

Topic: Multiplication of 3-digit numbers By 1-digit number

Chapter No. 21

Exercise No. 40 Book Work

Q1:- Multiply.

a, $112 \times 2 = 224$

b, $101 \times 5 = 505$

c, $201 \times 4 = 804$

Q2:- Multiply mentally.

a, $\boxed{2 \times 200} = \boxed{400}$

b, $\boxed{3 \times 600} = \boxed{1800}$

c, $\boxed{3 \times 100} = \boxed{300}$

Q3:- Multiply:

a, $\boxed{2 \times 600} = \boxed{1200}$

b, $\boxed{5 \times 200} = \boxed{1000}$

c, $\boxed{6 \times 400} = \boxed{2400}$

[Do Rest parts of Ex No. 38, 39 & 40 yourself].

P.T.O

Topic: Multiplication of 4-Digit numbers by 1-Digit No. P.NO.10

Chapter NO. 22

Exercise NO. 41 Book work

Q1:- Multiply

a, 1011 × 3 = 3033

b, 2020 × 2 = 4040

c, 1203 × 3 = 3609

Q2:- Find the product: Book work

a, Th H T O
2103 × 2 = 4206

b, Th H T O
2342 × 3 = 7026

c, Th H T O
3322 × 3 = 9966

Q3:- Multiply in your note book / Copy work

a, 1281 × 2 = 2562

b, 1072 × 5 = 5360

e, 1061 × 6 = 6366

Topic: Multiplication of 2-Digit numbers by 2-Digit numbers

Chapter NO. 23 Exercise NO. 42

Book work

a, T O
24 × 23 = 552

Rough: 24 × 23
72
+480
552

b,
T	O
4	3
× 1	4
6	0 2

Rough :- 43 × 14

$1^{0}72$

$+\ 43\times$

602

c,
T	O
3	6
× 2	2
7	9 2

Rough :- 36 × 22

72

$+\ 72\times$

792

Q2 Multiply in your note book / copy work :-

a, 21 × 44 = 924

Sol :- 21 × 44

84

$+\ 840\times$

924

c, 75 × 23 = 1,725

Sol :- 75 × 23

225

$+\ 150\times$

1,725

e, 34 × 18 = 612

272

$+\ 340\times$

612

[Do Rest parts of Ex No. 41 & 42 On book & note book by yourself respectively] ...

Word problems (Copy work) P. No. 12

a, A bag contains 103 Oranges. How many Oranges are there in 18 such bags?

Sol:- No. of Oranges in 1 bag = 103

No. of bags = 18

∴ Total No. of Oranges in 18 bags

$$= \begin{array}{r} {}^{2}103 \times 18 \\ \hline 824 \\ +\,1030\,x \\ \hline 1854 \end{array} \rightarrow \text{Oranges}$$

c, How many trees are there in 24 rows, If there are 22 trees in each row?

Sol:- No. of rows = 24

No. of trees in 1 row = 22

∴ Total No. of trees in 24 rows

$$= \begin{array}{r} 24 \times 22 \\ \hline {}^{1}48 \\ +\,480\,x \\ \hline 528 \end{array} \rightarrow \text{trees}$$

e, There are 296 pages in a book. How many pages will be there in 33 such books?

Sol;- No. of pages in 1 book = 296

No. of books = 33

∴ Total No. of pages in 33 books

$$= \begin{array}{r} {}^{2}{}^{1}296 \times 33 \\ \hline {}^{1}888 \\ +\,8880\,x \\ \hline 9768 \end{array} \text{ - Pages}$$

Q. There are 125 plants in each row. How many plants are there in 39 rows?

Sol:- No. of plants in 1 row = 125

No. of rows = 39

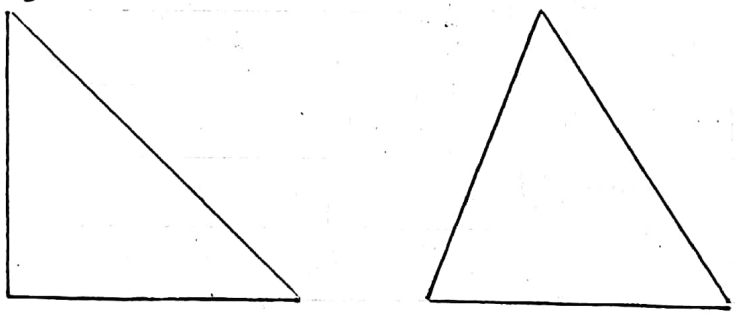
∴ Total No. of plants in 39 rows

$$= \begin{array}{r} 125 \\ \times\ 39 \\ \hline 1125 \\ +375\ x \\ \hline 4875 \end{array} \rightarrow \text{plants}$$

Math "B"

Q.1 Draw and Define triangle?

Sol Any three sided figure with three vertices is known as triangle eg Sandwiches or Pizza slices, Traffic signs etc.

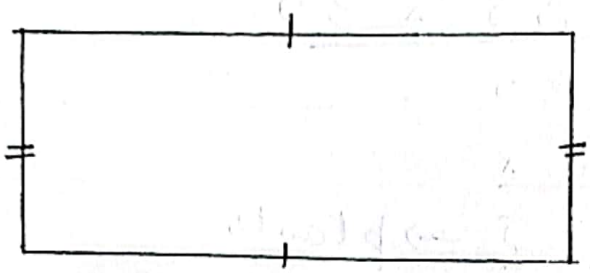


TRIANGLE

P.T.O

Q2:- Draw and define Rectangle?

Sol Any four sided figure with opposite sides equal and having 4 vertices is known as Rectangle eg Table tops, Mobile phones, etc



RECTANGLE

EXERCISE 55

OBSERVE AND FIND.

1. A shape with no edges is Sphere.

2. A shape with no vertex and 2 edges is Cylinder.

3. A shape with 12 edges and 6 plane faces of the same shape and size is Cube.

4. A shape with 1 edge, 1 vertex and 1 surface is Cone.

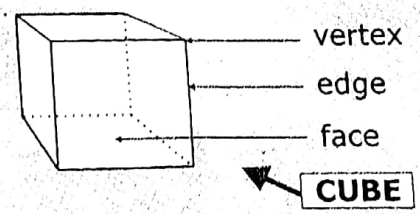
5. A shape with 9 edges and no curved surface is Prism.

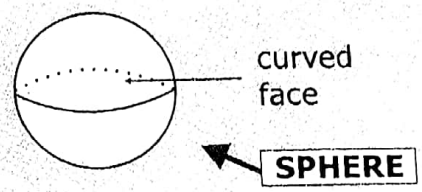
6. A shape with no vertex and no plane surface is Sphere.

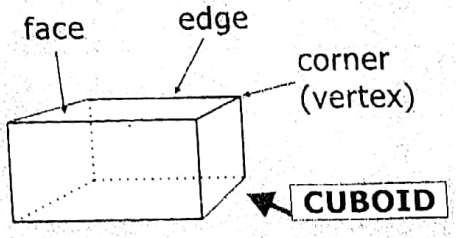
7. Bricks and matchboxes are the examples of Cuboid.

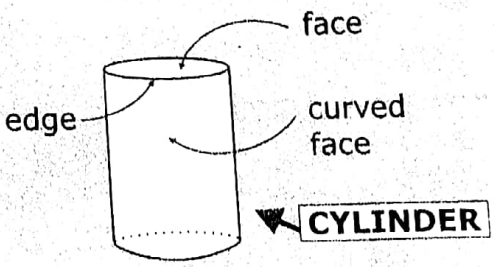
8. Candles and tube lights are the examples of cylinder.

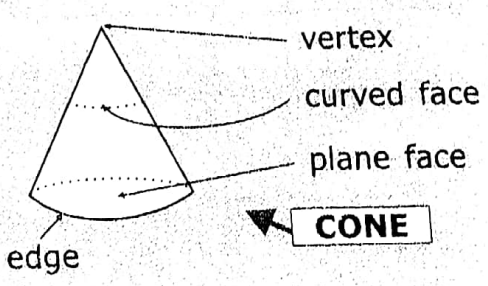
Unit 2nd Completed

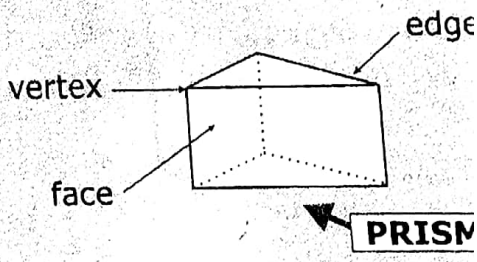












Prepared by Ms. Romaisa.