

Raj Bagh Sgu..
Class:- 3rdSubject:- MathematicsSession:- 2021Solved Assignment of Term 1st
MATH "A"Topic:- Division
Exercise NO. 43Chapter No. 2.4
(Book Work).

Q1:- There are 7 days in a week. How many weeks are there in 49 days?

Sol:-
$$\begin{array}{r} 7 \overline{) 49} \quad 7 \rightarrow \underline{Q} \\ - 49 \\ \hline 00 \end{array} \Rightarrow \underline{7} \text{ weeks.}$$

 $00 \rightarrow \underline{R}$

Q2:-> Find the quotients and the remainders, if any:

a)
$$\begin{array}{r} 7 \overline{) 28} \quad 4 \rightarrow \underline{Q} \\ - 28 \\ \hline 00 \end{array}$$

 $00 \rightarrow \underline{R}$

Quotient = 4

Remainder = 0

b)
$$\begin{array}{r} 8 \overline{) 65} \quad 8 \rightarrow \underline{Q} \\ - 64 \\ \hline 01 \end{array}$$

 $01 \rightarrow \underline{R}$

Quotient = 8

Remainder = 1

Exercise NO. 44 (Copy work). P. NO. 2

Q:- Divide with the help of repeated subtraction in your note book. (Copy work)

1. $10 \div 2 = \boxed{5}$

Sol: $10 - 2 = 8 \longrightarrow 1$

$8 - 2 = 6 \longrightarrow 2$

$6 - 2 = 4 \longrightarrow 3$

$4 - 2 = 2 \longrightarrow 4$

$2 - 2 = 0 \longrightarrow \textcircled{5}$

3. $12 \div 2 = \boxed{6}$

Sol: $12 - 2 = 10 \longrightarrow 1$

$10 - 2 = 8 \longrightarrow 2$

$8 - 2 = 6 \longrightarrow 3$

$6 - 2 = 4 \longrightarrow 4$

$4 - 2 = 2 \longrightarrow 5$

$2 - 2 = 0 \longrightarrow \textcircled{6}$

5. $15 \div 5 = \boxed{3}$

Sol: $15 - 5 = 10 \longrightarrow 1$

$10 - 5 = 5 \longrightarrow 2$

$5 - 5 = 0 \longrightarrow \textcircled{3}$

Do Rest parts of Ex. NO. 44 yourself

Topic: Relationship between Multiplication
And Division.

Chapter NO. 25 Exercise NO. 45 (Book work)

Q Find the quotients with the help of multiplication tables:

1:- $20 \div 5 = \boxed{4}$

Rough: $5 \times 1 = 5$

$5 \times 2 = 10$

$5 \times 3 = 15$

$5 \times 4 = 20$

2:- $88 \div 11 = \boxed{8}$

3:- $28 \div 7 = \boxed{4}$

Topic: Long Division Method

Chapter No. 26 Exercise No. 46 (Book Work)

Q:- Find the quotient (Q) and the remainder (R).

1, $5 \overline{) 36} \mid 7 \rightarrow Q$
 $\underline{-35}$

$1 \rightarrow R$

2, $10 \overline{) 13} \mid 1 \rightarrow Q$
 $\underline{-10}$

$3 \rightarrow R$

Topic: - Dividend, Divisor, Quotient

And Remainder

Chapter No. 27 Exercise No. 47 (Book Work)

Q1:- Divide.

a) $\frac{7}{3} \Rightarrow d \leftarrow 3 \overline{) 7} \mid 2 \rightarrow Q$
 $\underline{-6} \rightarrow 0$
 $1 \rightarrow R$
 $D = d \times Q + R$
 $7 = 3 \times 2 + 1$

b) $\frac{11}{5} \Rightarrow d \leftarrow 5 \overline{) 11} \mid 2 \rightarrow Q$
 $\underline{-10} \rightarrow 0$
 $1 \rightarrow R$
 $D = d \times Q + R$
 $11 = 5 \times 2 + 1$

Q2:- Divide and fill in the boxes:

a) $12 \div 4 \Rightarrow 4 \overline{) 12} \mid 3$
 $\underline{-12} \Rightarrow 4 \times 3 = 12$
 0

b) $35 \div 5 \Rightarrow 5 \overline{) 35} \mid 7$
 $\underline{-35}$
 $0 \Rightarrow 5 \times 7 = 35$

[Do Rest parts of Ex No 45, 46 & 45 by yourself]

P.T.O $\rightarrow$

Topic: More Divisions

P.No.4

Chapter No. 28

Exercise No. 48

(Bookwork)

Q1: Find the Quotients

a, $17 \rightarrow \boxed{Q}$

$$2 \overline{) 34}$$

$$\underline{-2}$$

$$14$$

$$Q = \boxed{17}$$

$$\underline{-14}$$

$$0$$

b, $16 \rightarrow \boxed{Q}$

$$2 \overline{) 32}$$

$$\underline{-2}$$

$$12$$

$$Q = \boxed{16}$$

$$\underline{-12}$$

$$0$$

[Do Rest parts yourself]

Q2: Word problems (Copy Work)

a) Meera, Raj and Ali distribute 48 marbles equally among themselves. How many will each get?

Sol: Total No. of Marbles = 48

No. of Children = 3

$\therefore$ No. of Marbles each child will get = 3 $\overline{) 48}$

$\Rightarrow \boxed{16 \text{ marbles}}$

$$16$$

$$\underline{-3}$$

$$18$$

$$\underline{-18}$$

$$0$$

b) Meena bought 24 pens in Rs 48. Find the cost of one pen?

Sol: Total No. of pens bought by Meena = 24

Total cost of 24 pens = Rs 48

$\therefore$ cost of 1 pen = $24 \overline{) 48}$

$$\underline{-24}$$

$$0$$

$\Rightarrow \boxed{\text{Rs } 2}$

Rough: $24 \times 1 = 24$

$24 \times 2 = 48$

e) Four students share 21 books equally. How many books does each student get? How many books are left?

Sol:- Total No. of students = 4

Total No. of books = 21

∴ No. of books each student get = $4 \overline{)21} 5 \rightarrow \text{books}$
 $\begin{array}{r} 21 \\ - 20 \\ \hline 1 \end{array}$

No. of left books = $21 - 20 = \boxed{01}$

g) 30 balls are divided equally in 4 groups.

How many will each group have? How many balls will be left?

Sol:- Total No. of balls = 30

Total No. of groups = 4

∴ No. of balls each group will get = $4 \overline{)30} 7 \rightarrow \text{balls}$
 $\begin{array}{r} 30 \\ - 28 \\ \hline 2 \end{array}$

No. of balls left = $30 - 28 = \boxed{2}$

Topic: Division of 3-digit No.'s

Chapter NO. 29

Exercise NO. 49

[Copy work]

Q1 Divide to find quotients:

a, $3 \overline{)696} 232 \rightarrow Q$ c, $4 \overline{)884} 221 \rightarrow Q$

$$\begin{array}{r} 6 \downarrow \\ 3 \overline{)696} \\ - 6 \downarrow \\ 9 \downarrow \\ - 9 \downarrow \\ \hline 06 \\ - 6 \downarrow \\ \hline 0 \end{array}$$

Q = $\boxed{232}$

$$\begin{array}{r} 8 \downarrow \\ 4 \overline{)884} \\ - 8 \downarrow \\ 8 \downarrow \\ - 8 \downarrow \\ \hline 4 \\ - 4 \downarrow \\ \hline 0 \end{array}$$

Q = $\boxed{221}$

[Do Rest parts of Ex NO. 49 yourself]

P.T.O

Q2 Divide to find quotients and the remainders

a) $5 \overline{) 367} \rightarrow Q$ c) $9 \overline{) 733} \rightarrow Q$

$$\begin{array}{r} -35 \downarrow \\ 17 \end{array}$$

$$\begin{array}{r} -15 \\ 2 \end{array}$$

$$2 \rightarrow R$$

$$\begin{array}{r} -72 \downarrow \\ 13 \end{array}$$

$$\begin{array}{r} -9 \\ 4 \end{array}$$

$$4 \rightarrow R$$

[Do Rest parts yourself]

Topic: Division Of 4 digit NO.'s

Chapter No. 30

Ex. No. 50

(Book work)

Q1:- Divide

a) $5 \overline{) 6786} \rightarrow Q$

$$\begin{array}{r} -5 \downarrow \\ 17 \end{array}$$

$$\begin{array}{r} -15 \\ 28 \end{array}$$

$$\begin{array}{r} -25 \\ 36 \end{array}$$

$$\begin{array}{r} -35 \\ 1 \end{array}$$

[Do Rest parts yourself]

Q2 Divide and verify the answer in your notebook:

a) $d \leftarrow 4 \overline{) 4534} \rightarrow Q$

$$\begin{array}{r} -4 \downarrow \\ 5 \end{array}$$

$$\begin{array}{r} -4 \downarrow \\ 13 \end{array}$$

$$\begin{array}{r} -12 \\ 14 \end{array}$$

$$\begin{array}{r} -12 \\ 2 \end{array}$$

$$2 \rightarrow R$$

Verify: $D = d \times Q + R$

$$4534 = 4 \times 1133 + 2$$

$$4534 = 4532 + 2$$

$$4534 = 4534$$

$$L.H.S = R.H.S$$

$$C) d \leftarrow 3 \quad 3576 \overline{) 1192} \rightarrow Q$$

$$\begin{array}{r} 3 \downarrow \\ 05 \\ - 3 \downarrow \\ 27 \\ - 27 \downarrow \\ 6 \\ - 6 \\ 0 \end{array}$$

$$\text{Verify} = D = d \times Q + R$$

$$3576 = 3 \times 1192 + 0$$

$$3576 = 3576$$

$$L.H.S = R.H.S$$

D = dividend, d = Divisor

Q = Quotient, R = Remainder

Q3: Divide (Book work)

$$a) 8 \overline{) 8895} \quad 1111 \rightarrow Q \quad b) 3 \overline{) 5454} \quad 1818 \rightarrow Q$$

$$\begin{array}{r} 8 \downarrow \\ 8 \\ - 8 \downarrow \\ 9 \\ - 8 \downarrow \\ 15 \\ - 8 \downarrow \\ 7 \rightarrow R \end{array}$$

$$\begin{array}{r} 3 \downarrow \\ 24 \\ - 24 \downarrow \\ 5 \\ 3 \downarrow \\ 24 \\ - 24 \downarrow \\ 0 \rightarrow R \end{array}$$

Topic: Division by 10

Chapter No. 31

Exercise No. 51

(Book work)

$$1, 850 \div 10 = \boxed{85}$$

$$2, 1700 \div 10 = \boxed{170}$$

$$3, 1000 \div 10 = \boxed{100}$$

Exercise No. 52. (Book work)

Q1 Divide

$$a) \begin{array}{c} \nearrow Q \\ 44 \end{array} \div 10 \rightarrow R$$

$$Q = 4$$

$$R = 4$$

$$b) \begin{array}{c} \nearrow Q \\ 57 \end{array} \div 10 \rightarrow R$$

$$Q = 5 \quad [\text{Do rest parts of}]$$

$$R = 7 \quad \text{Ex. No. 50 \& 51 by yourself}$$

P.T. 0

Q2: Word problems (Copy Work) P.No 8

a) There are 540 children in a class. They are sitting in 9 equal rows. How many children are there in each row?

Sol: Total No. of children in 1 class = 540

Total No. of equal rows = 9

∴ No. of children in each row = $9 \overline{)540} 60$

$\begin{array}{r} 540 \\ -54 \\ \hline 00 \end{array}$

$\begin{array}{r} 00 \\ -0 \\ \hline 0 \end{array}$

60 = Children

c) 396 toffees are to be shared by 8 children equally. How many toffees will each child get? How many will be left?

Sol: Total No. of toffees = 396

Total No. of children = 8

∴ No. of toffees each child will get

$8 \overline{)396} 49 \rightarrow$ Share of each child

$\begin{array}{r} 396 \\ -32 \\ \hline 76 \end{array}$

$\begin{array}{r} 76 \\ -72 \\ \hline 4 \end{array}$

$\begin{array}{r} 4 \\ -4 \\ \hline 0 \end{array}$

4 → left toffees

e) Neetu has 1495 stamps. She divides these stamps among 13 girls equally. How many stamps does each girl get?

How many are left?

Sol Total No. of stamps Neetu has = 1495

Total No. of girls = 13

∴ No. of stamps each girl get

13 $\overline{)1495}$ 115 → share of
each girl

$$\begin{array}{r} 13 \downarrow \\ 19 \\ -13 \downarrow \end{array}$$

65

65

0 → left stamps

Q :- Radha has 1650 books. She divides them among 15 girls. How many books does each girl get?

Sol: Total No. of books Radha has = 1650

Total No. of girls = 15

∴ No. of books each girl gets = 15 $\overline{)1650}$

110 → Books

$$\begin{array}{r} 110 \\ 15 \downarrow \\ 15 \\ -15 \\ 0 \\ -0 \\ 0 \end{array}$$

P.T.O

EXERCISE 57

P. No 10

1. Look at the shapes and write their names.

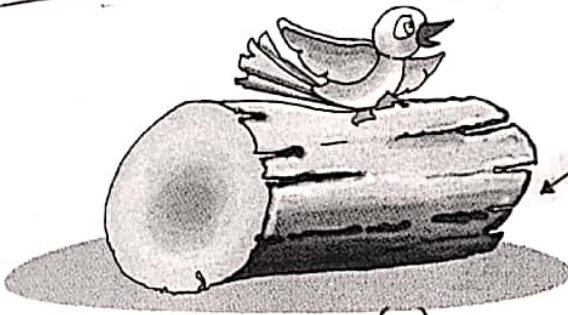
SPHERE

CYLINDER

CUBE

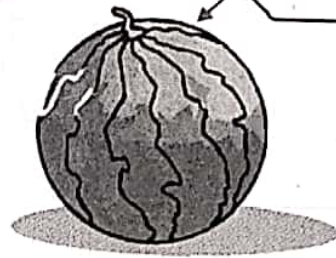
CONE

PRISM



(a)

It is a Cylinder.



(b)

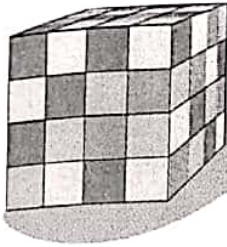
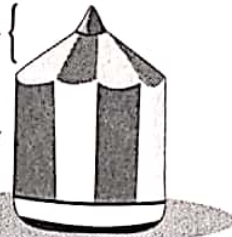
It is a Sphere.

It is a Cone.

(c)

It is a Cylinder.

(d)



(e)

It is a Cube.

(f)

It is a Cylinder.

(g)

It is a Cuboid.

(h)

It is a Sphere.

(i)

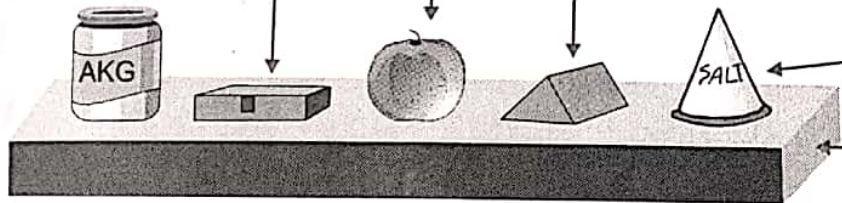
It is a Prism.

(j)

It is a Cone.

(k)

It is a Cuboid.



2. Connect to form the complete shape.

(a)



CONE

(b)



SPHERE

(c)



CYLINDER

(i)



(ii)

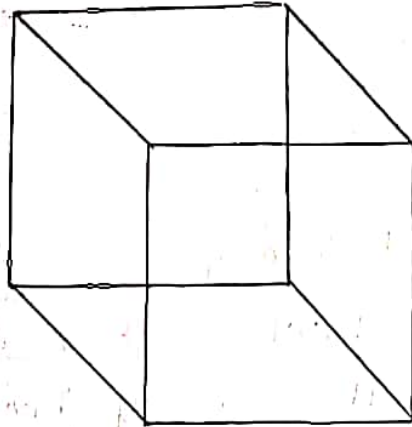


(iii)



Q1:: Draw and define Cube?

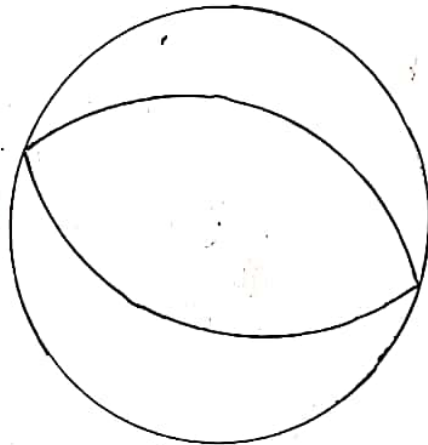
Ans:: A shape with 12 edges and 6 plane faces of the same shape and size is known as cube eg Dice, A piece of ice etc.



=> CUBE

Q2:: Draw and define Sphere?

Ans:: Any round shape with no sides and no vertex is known as sphere eg ball etc.



=> SPHERE

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