



**पुर्णा International School**

Shree Swaminarayan Gurukul, Zundal

*Class -III*

*MATH-MAGIC*

*Sample Copy*

*SA - II*

*Year:- 2022-2023*



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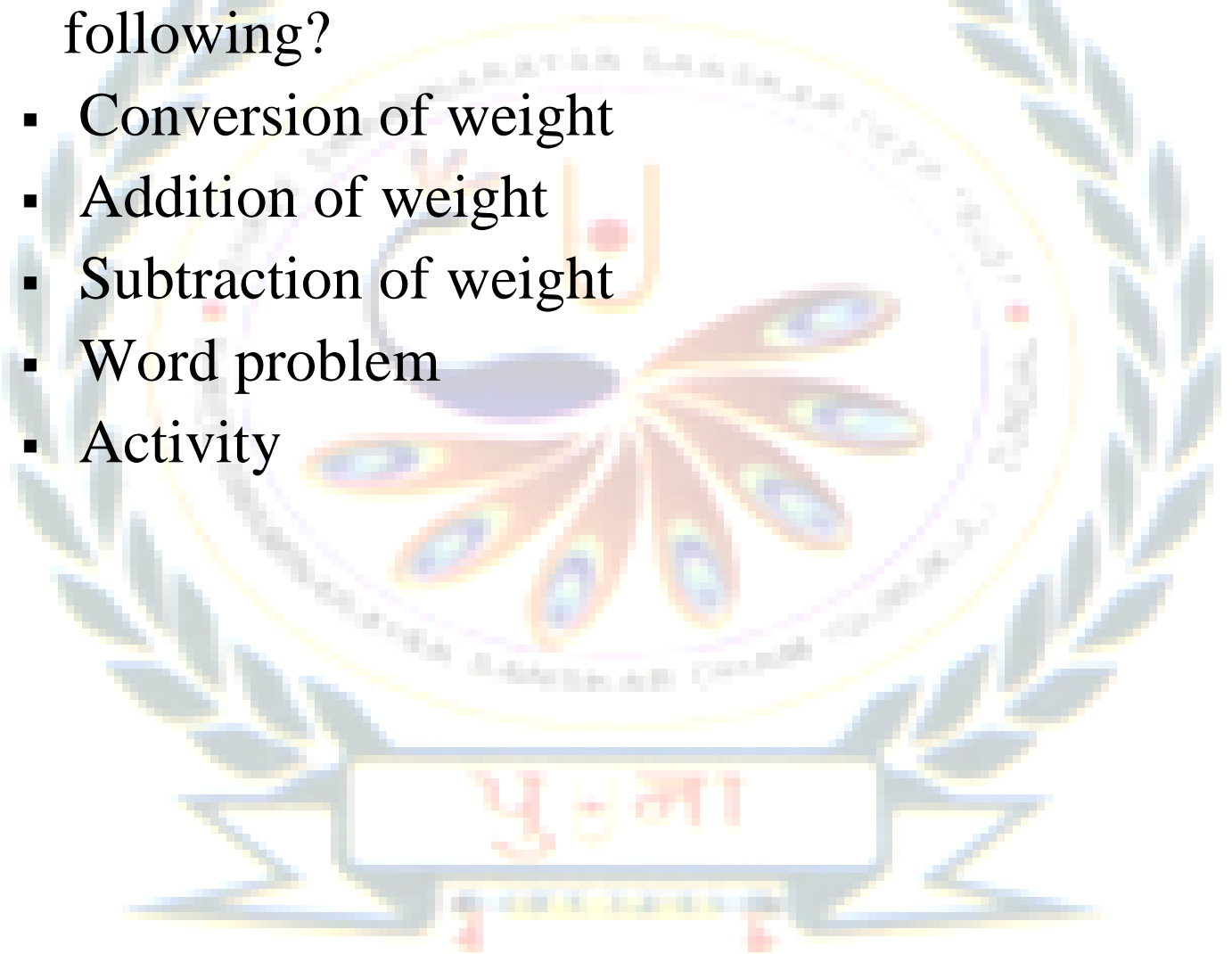
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## Chapter-8 -Who is heavier

### ❖ Key points to remember

- Introduction
- Find which one of the following is heavier?
- Which unit g or kg will you use to weight the following?
- Conversion of weight
- Addition of weight
- Subtraction of weight
- Word problem
- Activity



### ❖ Introduction:

- Mass is a measure of how heavy something is. We use a balance scales or a weighing scales to measure mass (or weight)
- Mass is measured in grams (g) and kilograms (kg). We use grams to weight lighter objects and kilograms to weight heavier objects.  
 $1 \text{ kg} = 1000\text{g}$

Or

$$1000\text{g} = 1\text{kg}$$

- The standard unit of measurement of mass is Kilogram.
- 

### ❖ Find which one of the following is heavier?

1) Lunch box or School bag

- **School bag**

2) Elephant or Tiger

- **Elephant**

3) Apple or Pineapple

- **Pineapple**

4) Leaf or Tree

- **Tree**

5) Bus or Auto

## - Bus

---

❖ Which unit g or kg will you use to weight the following?

- 1) Sugar = **Kg**
  - 2) An apple = **G**
  - 3) A dog = **Kg**
  - 4) A ball = **G**
  - 5) A watermelon = **Kg**
  - 6) A bicycle = **Kg**
  - 7) A feather = **G**
  - 8) A key = **G**
- 

❖ Conversion of weight:

A. Convert Kilogram to gram

$$1 \text{ kg} = 1000 \text{ g}$$

$$\text{Eg: } 5 \text{ kg} = 5 \text{ kg} \times 1000 \text{ g} = 5000 \text{ g.}$$

- a)  $42 \text{ kg} = 42 \text{ kg} \times 1000 \text{ g} = 42000 \text{ g.}$
  - b)  $18 \text{ kg} = 18 \text{ kg} \times 1000 \text{ g} = 18000 \text{ g.}$
  - c)  $14 \text{ kg} = 14 \text{ kg} \times 1000 \text{ g} = 14000 \text{ g.}$
  - d)  $81 \text{ kg} = 81 \text{ kg} \times 1000 \text{ g} = 81000 \text{ g.}$
  - e)  $36 \text{ kg} = 36 \text{ kg} \times 1000 \text{ g} = 36000 \text{ g.}$
-

## B. Convert gram to kilogram

$$1000 \text{ g} = 1 \text{ kg}$$

$$\text{Eg: } 42000 \text{ g} = \frac{42000}{1000} = 42 \text{ kg}$$

$$\text{a) } 38000 \text{ g} = \frac{38000}{1000} = 38 \text{ kg.}$$

$$\text{b) } 51000 \text{ g} = \frac{51000}{1000} = 51 \text{ kg.}$$

$$\text{c) } 22000 \text{ g} = \frac{22000}{1000} = 22 \text{ kg.}$$

$$\text{d) } 87000 \text{ g} = \frac{87000}{1000} = 87 \text{ kg.}$$

$$\text{e) } 95000 \text{ g} = \frac{95000}{1000} = 95 \text{ kg.}$$

---

### ❖ Addition of weight:

- **Step1:** Add the gram column
- **Step2:** Add the kg column

a) Add 75kg 582g and 13kg 410g

kg	g
75	582
+ 13	410
<hr/>	
88	992

b) Add 94kg 215g and 6kg 757g

kg	g
94	215
+ 06	757
<hr/>	
100	972

c) 75kg 590g + 12kg 619g

kg	g
1	1
7 5	5 9 0
+ 1 2	6 1 9
8 8	2 0 9

d) 28kg 605g + 15kg 095g

e) 68kg 485g + 25kg 654g

❖ **Subtraction of weight:**

- **Step1:** Subtract the gram column
- **Step2:** Subtract the kg column

a) Subtract 13kg 410g from 75kg 582g

kg	g
7 5	5 8 2
- 1 3	4 1 0
6 2	1 7 2

b) 38kg 968g from 78kg 954g

kg	g
6 17	18 14 14
<del>7 8</del>	<del>9 5 4</del>
- 3 8	9 6 8
3 9	9 8 6

c) 22kg 505g – 11kg 759g

d) 23kg 256g – 19kg 909g

e) 45kg 375g – 36kg 987g

❖ **Word problem:**

1) Ravi purchased 5kg 300g of a packet of rice and 4kg 200g of a packet of wheat flour. How much is the total weight of both the packets?

**Solution:**

**Weight of rice = 5kg 300g**

**Weight of wheat flour = 4kg 200g**

**Total weight of both the packets = 5kg 300g + 4kg 200g**

	kg	g
	5	300
+	4	200
<hr/>		
	9	500

2) Dev weighs 39kg 900g. Manit weighs 35kg 600g. Who weighs more and by how much?

**Solution:**

**Dev's weight = 39kg 900g**

**Manit's weight = 35kg 600g**

**Dev weights more by = 39kg 900g – 35kg 600g.**

	kg	g
	39	900
-	35	600
<hr/>		
	04	300



3) My weight is 29kg 900g. My friend weight is 28kg 980g. How much more is mine weight?

**Solution:**

**My weight = 29kg 900g**

**My friend's weight = 28kg 980g**

**Mine weight more by = 29kg 900g – 28kg 980g.**

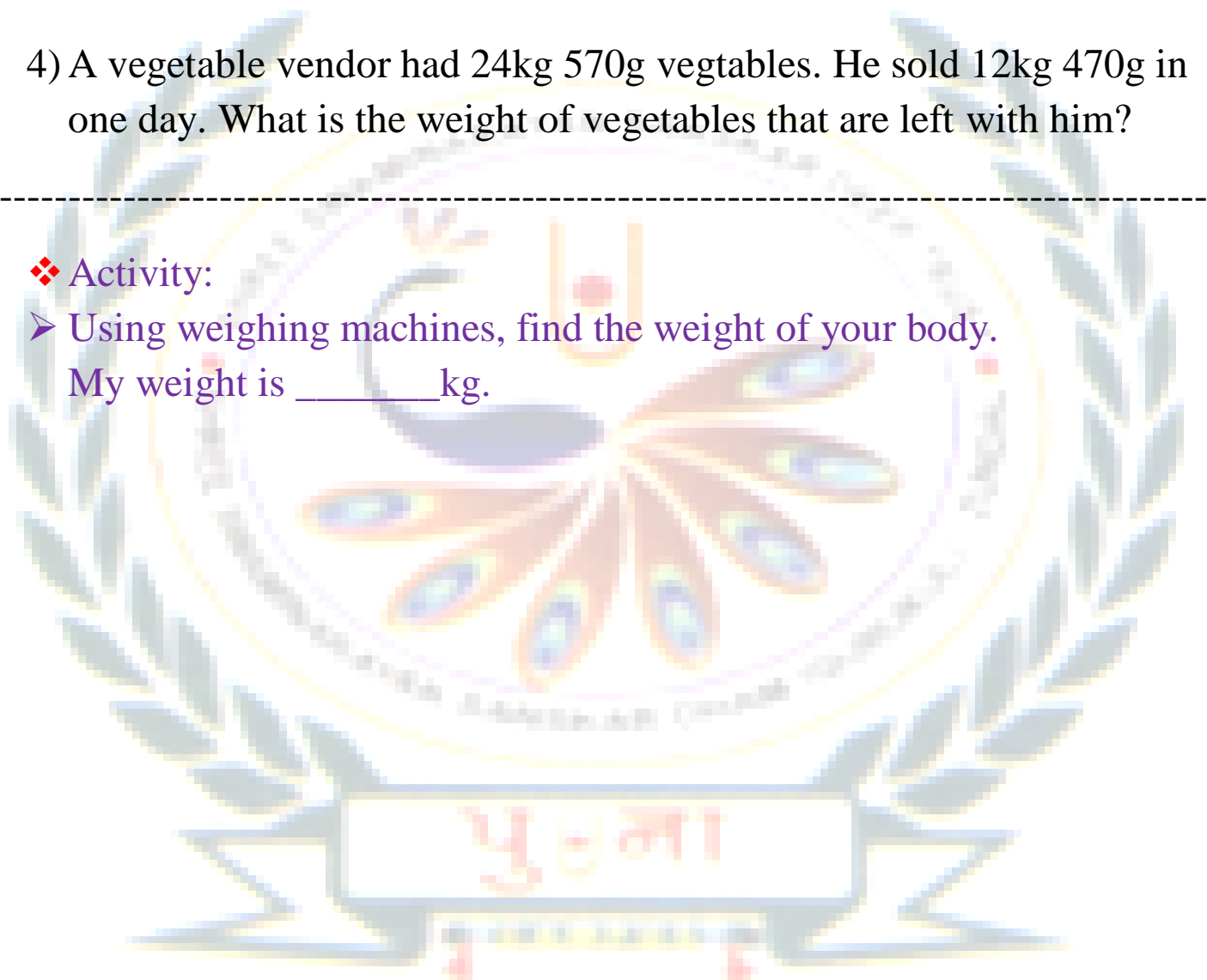
$$\begin{array}{r} \text{kg} \quad \text{g} \\ \begin{array}{r} 8 \quad 18 \quad 10 \\ 29 \quad 900 \\ - 28 \quad 980 \\ \hline 00 \quad 920 \end{array} \end{array}$$

4) A vegetable vendor had 24kg 570g vegetables. He sold 12kg 470g in one day. What is the weight of vegetables that are left with him?

❖ Activity:

➤ Using weighing machines, find the weight of your body.

My weight is \_\_\_\_\_ kg.



## Chapter -9 -How many times?

### ❖ **Key points to remember.**

- Tell how many times?
  - Rewrite using + sign.
  - Count how many times
  - Write the multiplication facts for the following
  - Find the product by column method
  - Word problem.
- 

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❖ Tell how many times?

1) If one honey bee 2 wings then, How many wings do 5 honey bees have?

➤  $2 + 2 + 2 + 2 + 2 = 10$

Or

$5 \text{ times of } 2 = 10$

2) If one car have 4 wheels then, how many wheels do 6 cars have?

➤  $4 + 4 + 4 + 4 + 4 + 4 = 24$

Or

$6 \text{ times of } 4 = 24$

3) If one pack 6 cup then, how many cups are there in 9 packs?

➤  $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 54$

Or

$9 \text{ times of } 6 = 54$

4) If one pack have 10 pencils then, how many pencils are there in 10 packs?

➤  $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 100$

Or

$10 \text{ times of } 10 = 100$

---

❖ Rewrite using the + sign (repeat addition):

- a)  $3 \times 6$  is  $6 + 6 + 6$   
b)  $4 \times 12$  is  $12 + 12 + 12 + 12$ .  
c)  $5 \times 8$  is  $8 + 8 + 8 + 8 + 8$ .  
d)  $6 \times 15$  is  $15 + 15 + 15 + 15 + 15 + 15$ .  
e)  $7 \times 6$  is  $6 + 6 + 6 + 6 + 6 + 6 + 6$ .  
f)  $2 \times 9$  is  $9 + 9$ .
- 

❖ Count how many times:

- a)  $7 + 7 + 7 + 7 + 7 =$  **5 times**  
b)  $4 + 4 + 4 + 4 =$  **4 times**  
c)  $3 + 3 + 3 + 3 + 3 + 3 =$  **6 times**  
d)  $15 + 15 + 15 =$  **3 times**  
e)  $20 + 20 =$  **2 times**  
f)  $1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 =$  **10 times**  
g)  $17 + 17 + 17 + 17 + 17 =$  **5 times**
- 

❖ Write the multiplication facts of the following:

Number	Multiplication facts	
55	<b><math>11 \times 5</math></b>	<b><math>5 \times 11</math></b>
45	<b><math>9 \times 5</math></b>	<b><math>5 \times 9</math></b>
27	<b><math>9 \times 3</math></b>	<b><math>3 \times 9</math></b>
48	<b><math>6 \times 8</math></b>	<b><math>8 \times 6</math></b>

64	$16 \times 4$	$4 \times 16$
117	$13 \times 9$	$9 \times 13$
140	$14 \times 10$	$10 \times 14$

▪ Find the product by column method:

a)  $44 \times 2$

	<b>40</b>	<b>4</b>
<b>2</b>	$40 \times 2$	$4 \times 2$
	<b>= 80</b>	<b>= 8</b>

$80 + 8 = 88$

b)  $23 \times 3$

	<b>20</b>	<b>3</b>
<b>3</b>	$20 \times 3$	$3 \times 3$
	<b>= 60</b>	<b>= 9</b>

$60 + 9 = 69$

c)  $11 \times 5$

	<b>10</b>	<b>1</b>
<b>5</b>	$10 \times 5$	$1 \times 5$
	<b>= 50</b>	<b>= 5</b>

$50 + 5 = 55$

d)  $15 \times 6$

	<b>10</b>	<b>5</b>	
<b>6</b>	<b><math>10 \times 6</math></b>	<b><math>5 \times 6</math></b>	
	<b><math>= 60</math></b>	<b><math>= 30</math></b>	

**$60 + 30 = 90$**

e)  $38 \times 2$

	<b>30</b>	<b>8</b>	
<b>2</b>	<b><math>30 \times 2</math></b>	<b><math>8 \times 2</math></b>	
	<b><math>= 60</math></b>	<b><math>= 16</math></b>	

**$60 + 16 = 76$**

❖ **Word problem:**

1) A box contains 6 apples. How many apples in all will seven boxes have?

**Sol:** There are 7 boxes.

**Each box has 6 apples.**

**Total number of apples =  $7 \times 6 = 42$**

**Seven boxes will have 42 apples.**

2) There are four fans. Each fan has 3 blades. What is the total number of blades in all?

**Sol:** There are 4 fans.

**Each fan has 3 blades.**

**Total number of blades =  $4 \times 3 = 12$**

**There are 12 blades in all.**

3) A shirt has 5 buttons. How many buttons would 3 shirts have?

**Sol:** There are 3 shirts.

**Each shirt has 5 buttons.**

**Total number of buttons =  $3 \times 5 = 15$**

**3 shirts will have 15 buttons.**



## Chapter-10 - Play with patterns

### ❖ Key points to remember.

- ❖ Introduction
  - ❖ Complete the repeated patterns
  - ❖ Complete the following number pattern
  - ❖ Fill in the blanks
  - ❖ Solve the following and write Odd or Even against each no.
  - ❖ Decoding the message
  - ❖ Arrange these names in alphabetical order and number these names in the box.
  - ❖ Activity
-



❖ Introduction:

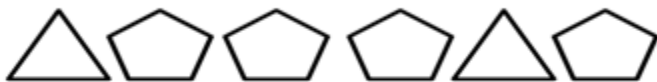
**Patterns are shapes, designs, groups of numbers that repeat themselves in a predictable manner.**

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❖ Complete the repeated patterns:



\_\_\_\_\_



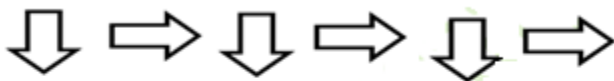
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

A    B    C    A    B    C

12, 12, 13, 13, 14, 14, 15, 15,

\_\_\_\_\_    \_\_\_\_\_  
\_\_\_\_\_    \_\_\_\_\_

---

❖ Complete the following number pattern:

- a) 12, 22, 32, 42, 52, 62, 72
- b) 99, 89, 79, 69, 59, 49, 39
- c) 5, 10, 15, 20, 25, 30, 35
- d) 7, 9, 11, 13, 15, 17, 19
- e) 99, 199, 299, 399, 499, 599, 699
- f) 275, 276, 277, 278, 279, 280, 281
- g) 63, 61, 59, 57, 55, 53, 51
- h) 142, 144, 146, 148, 150, 152, 154
- i) 48, 46, 44, 42, 40, 38, 36

---

❖ Fill in the blanks:

- 1) All numbers that end with 0, 2, 4, 6, 8 are called **even** numbers.
- 2) All numbers that end with 1, 3, 5, 7, 9 are called **odd** number.
- 3) Even no. + Even no. = **even no.**
- 4) Even no. + Odd no. = **Odd no.**
- 5) Odd no. + Odd no. = **Even no.**
- 6) The smallest 1 digit odd no. is **1**
- 7) The smallest 1 digit even no. is **0**

---

❖ Solve the following and write odd or even against each no.

- a)  $45 + 21 = \underline{66}$  Even  
b)  $22 + 23 = \underline{45}$  Odd  
c)  $81 + 24 = \underline{105}$  Odd  
d)  $96 + 16 = \underline{112}$  Even  
e)  $81 + 21 = \underline{102}$  Even  
f)  $98 + 41 = \underline{139}$  Odd  
g)  $38 + 41 = \underline{79}$  Odd
- 

❖ Decoding the message:

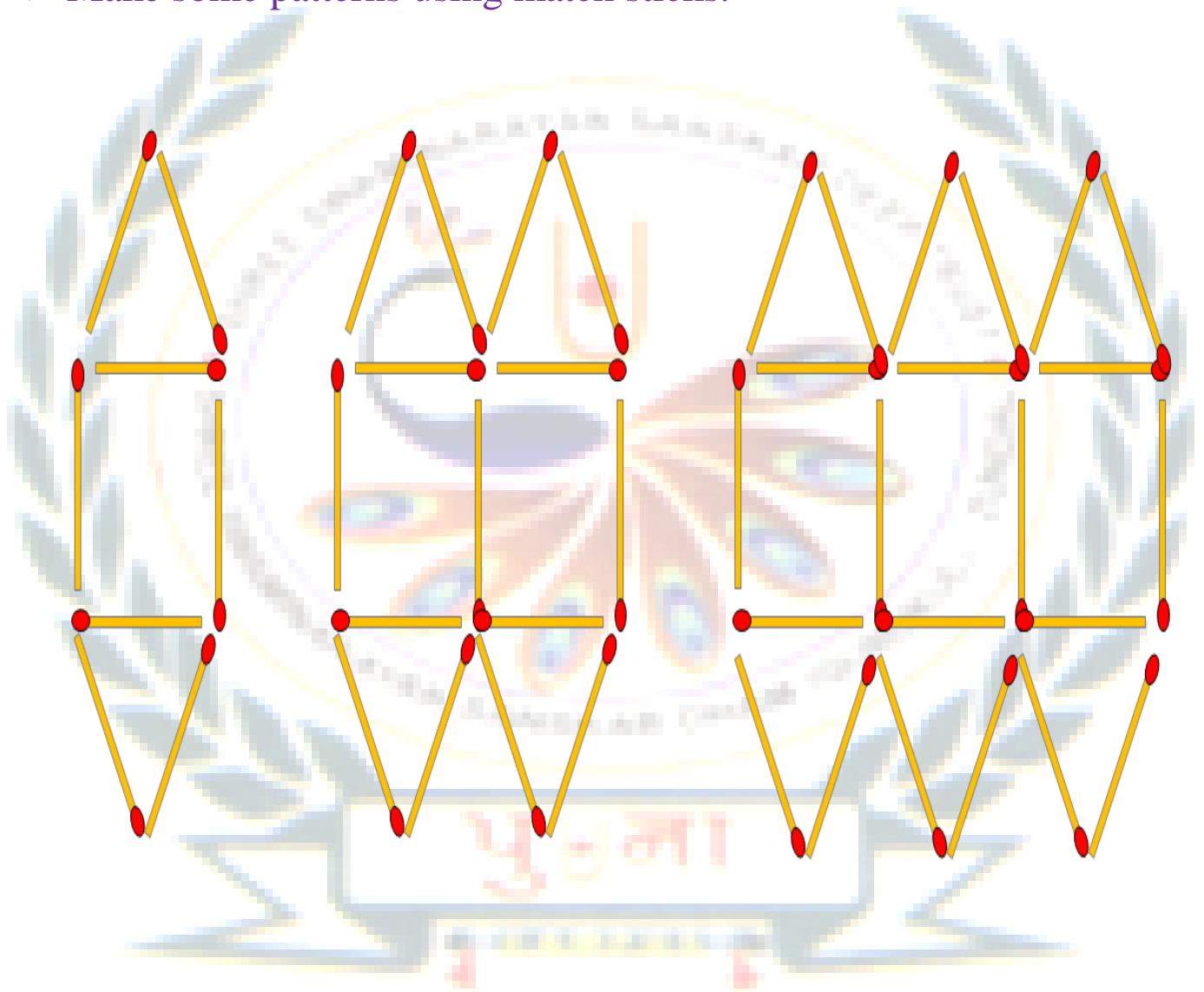
- 1) If  $AB = 3$ ,  $BC = 5$ ,  $CD = 7$  then,  $GH = \underline{15}$ .  
2) If  $Pen = 3$ ,  $Book = 4$ ,  $Cycle = 5$  then,  $computer = \underline{8}$ .  
3) If  $223 = 334$ ,  $45 = 56$ ,  $102 = 213$  then,  $781 = \underline{892}$ .  
4) If  $AB = 12$ ,  $BC = 23$ ,  $CD = 34$  then,  $DE = \underline{45}$ .
- 

❖ Arrange these names in alphabetical order and number these names in the box.

- 1) Mohan   
2) Lila   
3) Ansh   
4) Venu   
5) Zeenat   
6) Shikha

❖ Activity

➤ Make some patterns using match sticks.



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## Chapter-11- Jugs and mugs

### ❖ Summary

- Introduction
  - Addition of capacity
  - Subtraction of capacity
  - Conversion of capacity
  - Word problem
  - Activity
- 

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### ❖ Introduction:

- Capacity is a measure of how much space something takes up. We use measuring spoons or measuring jugs to measure capacity. We often measure capacity in liter or milliliter. We measure small quantity of liquid in milliliters and large quantity of liquid in liters.
- The standard unit of capacity is 'Liter'.
- 1 liter = 1000 milliliters
- We use 'ml' for milliliter, 'l' for liter in short form.
- 1L = 1000ml

Or

$$1000\text{ml} = 1\text{L}$$

---

### ❖ Addition of capacities:

- **Step1:** Add the milliliter column  
**Step2:** Add the liter column

a) Add 24L 140ml and 35L 130ml

l	ml
24	140
+ 35	130
<hr/>	<hr/>
59	270

b) 1L 719ml + 573ml

L	ml
1	1
1	7 1 9
+ 0	5 7 3
2	2 9 2

c) 80L 175ml + 61L 960ml

d) 63L 890ml + 52L 210ml

### ❖ Subtraction of capacities:

- **Step1:** Subtract the milliliter column
- **Step2:** Subtract the liter column

a) Subtract 14L 130ml from 35L 130ml

l	ml
35	130
- 14	130
21	000

b) Subtract 16L 789ml from 25L 600ml

L	ml
1 14	15 9 10
<del>2 5</del>	<del>6 0 0</del>
- 1 6	7 8 9
0 8	8 1 1

c) 55L 768ml – 34L 345ml

d) 71L 899ml – 70L 798ml

### ❖ Conversion of capacity:

A. Convert litre into milliliter

$$1\text{L} = 1000\text{ml}$$

$$\text{Ex: } 5\text{l} = 5\text{L} \times 1000\text{ml} = 5000\text{ml}$$

$$\text{a) } 15\text{L} = 15\text{L} \times 1000\text{ml} = 15000\text{ml}$$

$$\text{b) } 3\text{L} = 3\text{L} \times 1000\text{ml} = 3000\text{ml}$$

$$\text{c) } 92\text{L} = 92\text{L} \times 1000\text{ml} = 92000\text{ml}$$

$$\text{d) } 54\text{L} = 54\text{L} \times 1000\text{ml} = 54000\text{ml}$$

$$\text{e) } 46\text{L} = 46\text{L} \times 1000\text{ml} = 46000\text{ml}$$

$$\text{f) } 21\text{L} = 21\text{L} \times 1000\text{ml} = 21000\text{ml}$$

---

**B. Convert milliliter into litre:**

$$1000\text{ml} = 1\text{l}$$

$$\text{Ex: } 2000\text{ml} = \frac{2000}{1000} = 2\text{ L}$$

$$\text{a) } 6000\text{ml} = \frac{6000}{1000} = 6\text{ L}$$

$$\text{b) } 20000\text{ml} = \frac{20000}{1000} = 20\text{ L}$$

$$\text{c) } 4000\text{ml} = \frac{4000}{1000} = 4\text{ L}$$

$$\text{d) } 22000\text{ml} = \frac{22000}{1000} = 22\text{ L}$$

$$\text{e) } 89000\text{ml} = \frac{89000}{1000} = 89\text{ L}$$

---

❖ **Word problem:**

1) A shopkeeper brought 77L 550ml of milk in the month of January and 23L 350ml in the month of February. How much milk did he bring in 2 months?

**Solution:**



**Milk bought in the month of January = 77L 550ml**

**Milk bought in the month of February = 23L 350ml**

**Milk bought in 2 months = 77L 550ml + 23L 350ml**

	l	ml
	77	550
+	23	350
	<u>100</u>	<u>900</u>

2) A bottle contains 100ml of medicine. 25ml of medicine fell on the ground. How much medicine is left in the bottle?

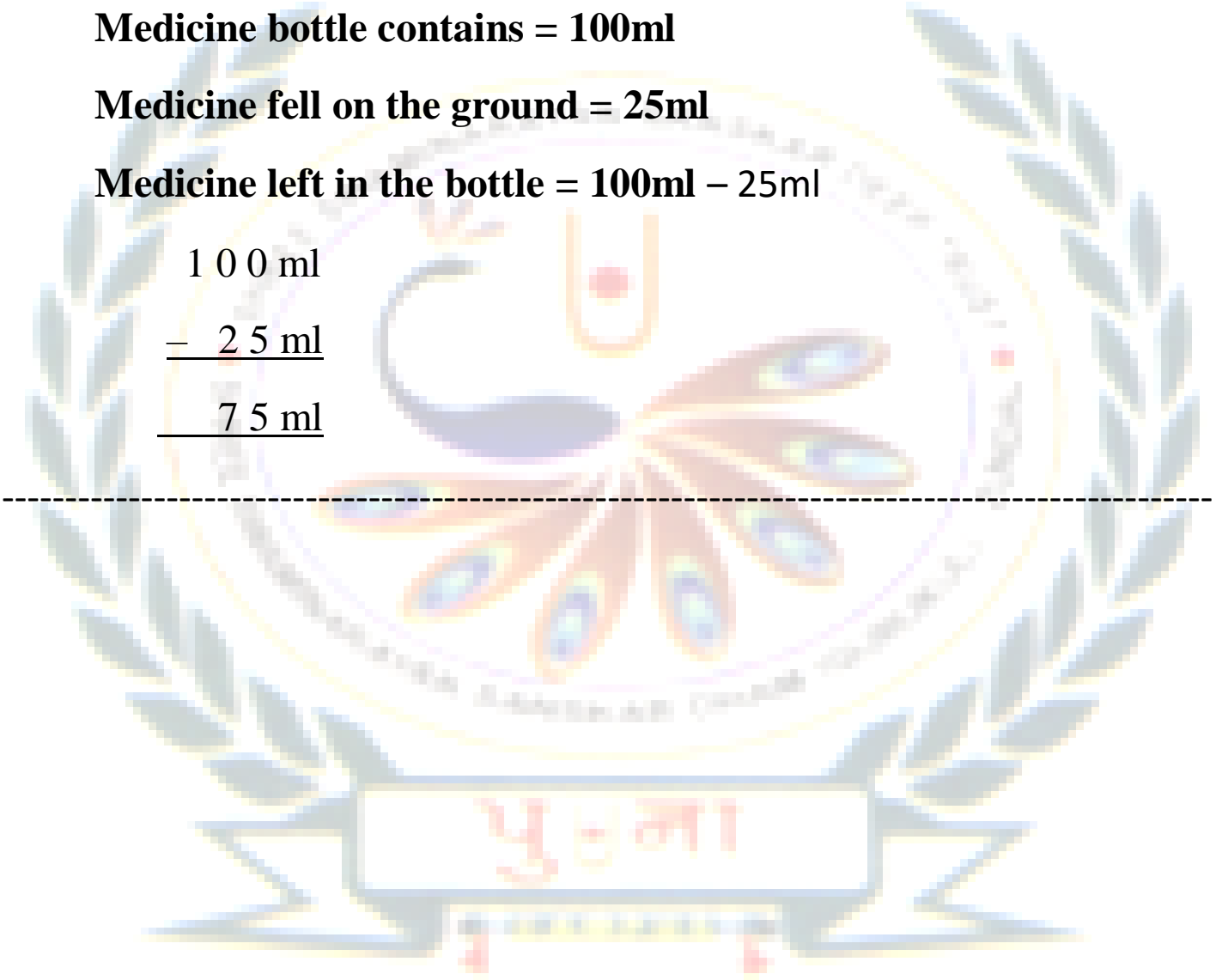
**Solution:**

**Medicine bottle contains = 100ml**

**Medicine fell on the ground = 25ml**

**Medicine left in the bottle = 100ml – 25ml**

100 ml
<u>– 25 ml</u>
<u>75 ml</u>



❖ Activity:

➤ Paste the pouches of different capacities.

Eg: Milk pouches, shampoo, oil pouches etc.



## Chapter-12 - Can we share?

### ❖ Key points to remember.

- Division
  - Make equal groups and write the division facts for the following.
  - Write two division facts for the following multiplications.
  - Division properties
  - Division
  - Word problems
-

❖ **Defination:**

- **Division** - The division is a method of distributing a group of things into equal parts.
- 

❖ **Make equal groups and write the division facts for the following.**

1. Make equal groups of 3

Total dots = 15

**Solve:**



$$15 \div 3 = 5$$

2. Make equal groups of 5

Total dots = 20

**Solve:**



$$20 \div 5 = 4$$

3. Make equal groups of 2

Total triangle = 10

**Solve:**



$$10 \div 2 = 5$$

4. Make equal groups of 4

Total stars = 24

**Solve:**



$$24 \div 4 = 6$$

---

❖ Write two division facts for the following multiplications.

Multiplication	Division Facts
$9 \times 6 = 54$	$54 \div 9 = 6$ , $54 \div 6 = 9$
$4 \times 8 = 32$	$32 \div 4 = 8$ , $32 \div 8 = 4$
$3 \times 5 = 15$	$15 \div 3 = 5$ , $15 \div 5 = 3$
$5 \times 6 = 30$	$30 \div 5 = 6$ , $30 \div 6 = 5$
$8 \times 2 = 16$	$16 \div 8 = 2$ , $16 \div 2 = 8$

---

❖ **Division properties:**

1) Any number divided by 1 gives the number itself as a quotient.

Ex  $8 \div 1 = 8$

2) Any no. divided by itself will gives 1 as the quotient.

Ex  $5 \div 5 = 1$

3) When 0 divided by any no. the quotient is always 0.

Ex  $0 \div 2 = 0$

4) Division is not possible by zero.

---

❖ **Division:**

1)  $35 \div 5$

$$\begin{array}{r} 07 \\ 5 \overline{) 35} \\ \underline{0} \phantom{0} \\ 35 \\ \underline{35} \\ 0 \end{array}$$

Dividend = 35

Divisor = 5

Quotient = 7

Remainder = 0

2)  $186 \div 2$

$$\begin{array}{r} 93 \\ 2 \overline{)186} \\ \underline{18} \phantom{0} \\ 06 \\ \underline{6} \\ 0 \end{array}$$

Dividend = 186

Divisor = 2

Quotient = 93

Remainder = 0

3)  $231 \div 3$

$$\begin{array}{r} 77 \\ 3 \overline{)231} \\ \underline{21} \phantom{0} \\ 21 \\ \underline{21} \\ 0 \end{array}$$

Dividend = 231

Divisor = 3

Quotient = 77

Remainder = 0

4)  $45 \div 6$

$$\begin{array}{r} 7 \\ 6 \overline{)45} \\ \underline{-42} \\ 3 \end{array}$$

Dividend = 45

Divisor = 6

Quotient = 7

Remainder = 3

5)  $78 \div 5$

$$\begin{array}{r} 15 \\ 5 \overline{)78} \\ \underline{-5} \phantom{0} \\ 28 \\ \underline{-25} \\ 3 \end{array}$$

Dividend = 78

Divisor = 5

Quotient = 15

Remainder = 3

6)  $54 \div 10$

7)  $86 \div 4$

$$8) 75 \div 8$$

---

❖ **Word problem:**

1) 75 pencils are to be packed in 5 boxes equally. How many pencils will be there in each box?

**Solve: No. of pencils = 75**

**No. of boxes = 5**

**No. of pencils in each box =  $75 \div 5$**

$$\begin{array}{r} 15 \\ 5 \overline{) 75} \\ \underline{-5} \phantom{0} \\ 25 \\ \underline{-25} \\ 00 \end{array}$$

**15 pencils in each box.**

2) There are 72 mangoes equally placed in 6 trays. How many mangoes are there in each trays?

**Solve: No. of mangoes = 72**

**No. of trays = 6**

**No. of mangoes in each tray =  $72 \div 6$**



$$\begin{array}{r} 12 \\ 6 \overline{) 72} \\ \underline{-6} \\ 12 \\ \underline{-12} \\ 00 \end{array}$$

**12 mangoes in each tray.**

- 3) There are 210 beads 10 necklaces are made using equal no. of beads.  
How many beads are used in each necklace?

**Solve: No. of beads = 210**

**No. of necklaces = 10**

**No. of beads in each necklace =  $210 \div 10$**

$$\begin{array}{r} 21 \\ 10 \overline{) 210} \\ \underline{-20} \\ 010 \\ \underline{-010} \\ 000 \end{array}$$

**21 beads in each necklace.**

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## Chapter 13 - Smart charts!

### ❖ Key points to remember.

- Defination.
  - Match the following no's with their tally marks.
  - Sums on tally marks.
  - Sum on pictograph.
  - Activity.
-

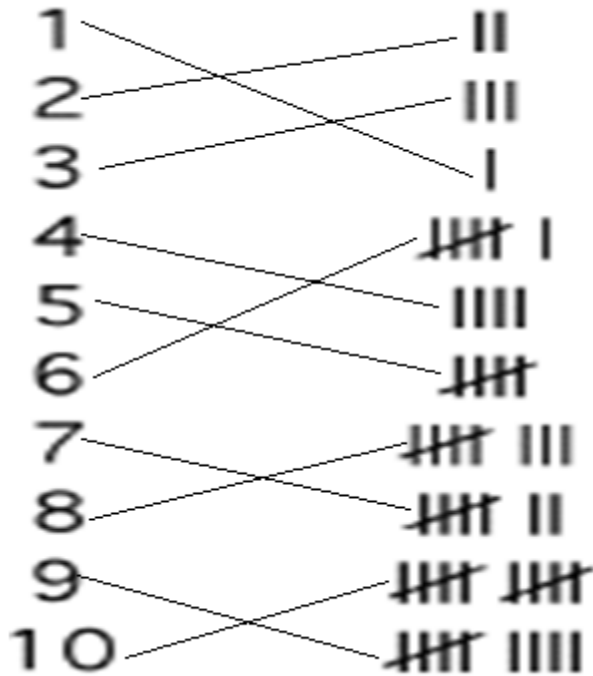
❖ **Defination.**

- **Date:** Collection of any information is data.
- **Tally marks:** Tally marks are a quick way of keeping track of no's in groups of 5.

1		6	
2		7	
3		8	
4		9	
5		10	

- **Tally chart:** A tally chart is a table with tally marks to show a data set.
- **Pictograph:** A pictograph is away of showing data using images or pictures.

❖ Match the following no's with their tally marks.



❖ Sums on pictograph:

A. Write the tally marks for the number of stars below:

1) ☆ ☆ ☆ ☆ ☆ |||

2) ☆ ☆ ☆ ☆ |||

3) ☆ ☆ ||

4) ☆ ☆ ☆ ☆ ☆ ☆ |||

5) ☆ ☆ ☆ |||

6) ☆ |

---

B. Write the tally marks for the following numbers:

a) 7 - |||||

b) 8 - |||||

c) 15 - |||| |||| ||||

d) 12 - |||| |||| ||

e) 17 - |||| |||| |||| ||

---

❖ Sum on pictograph.

- The pictograph below shows the no. of marks obtained by 5 students in their Maths exam out of 100 total marks:

Name	Marks obtained
Sara	☆☆☆☆☆☆☆☆☆☆
Ali	☆☆☆☆☆☆
Marry	☆☆☆
Jay	☆☆☆☆☆
Amit	☆☆☆☆☆

1 star is = 10 marks

- Answer the following question.

1) How many marks did Jay get? \_\_\_\_\_

2) Who got 100 out of 100 marks? \_\_\_\_\_

3) Who got same no. of marks? \_\_\_\_\_

4) Who scored the least marks in the test? \_\_\_\_\_

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❖ **Activity**

Make a chart on tally marks 1 to 50



## Chapter 14 – Rupees and paise

### ❖ Key points to remember.

- What is money?
  - How many coins are needed.
  - Addition of money
  - Subtraction of money
  - Conversions
  - Activity
- 

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❖ What is money?

- Money can be defined as anything that people use to buy goods and services.
  - Money can be rupees and paise.
  - Money can be in notes or coins.
- 

❖ How many coins are needed?

- 1) How many Rs 2 coins are needed to make Rs 40? 20 coins.
  - 2) How many Rs 1 coins are needed to make Rs 21? 21 coins.
  - 3) How many Rs 5 coins are needed to make Rs 25? 5 coins.
  - 4) How many Rs 10 coins are needed to make Rs 100? 10 coins.
- 

❖ Addition of money:

Rs	P
75	20
+ 40	60

115	80
-----	----

Rs	P
29	40
+ 30	66

60	06
----	----

Rs	P
52	50
+ 40	90

--	--

Rs	P
25	66
+ 30	45

--	--

Rs	P
25	40
+ 28	70

--	--

Rs	P
75	80
+ 80	90

--	--



---

❖ Subtraction of money:

$$\begin{array}{r} \text{Rs} \quad \text{P} \\ 35 \quad 60 \\ - 30 \quad 28 \\ \hline \end{array}$$

$$\boxed{05 \quad 32}$$

$$\begin{array}{r} \text{Rs} \quad \text{P} \\ 60 \quad 50 \\ - 42 \quad 40 \\ \hline \end{array}$$

$$\boxed{18 \quad 10}$$

$$\begin{array}{r} \text{Rs} \quad \text{P} \\ 25 \quad 25 \\ - 15 \quad 75 \\ \hline \end{array}$$

$$\boxed{\phantom{00} \quad \phantom{00}}$$

$$\begin{array}{r} \text{Rs} \quad \text{P} \\ 39 \quad 40 \\ - 31 \quad 70 \\ \hline \end{array}$$

$$\boxed{\phantom{00} \quad \phantom{00}}$$

$$\begin{array}{r} \text{Rs} \quad \text{P} \\ 55 \quad 65 \\ - 50 \quad 28 \\ \hline \end{array}$$

$$\boxed{\phantom{00} \quad \phantom{00}}$$

$$\begin{array}{r} \text{Rs} \quad \text{P} \\ 84 \quad 91 \\ - 50 \quad 97 \\ \hline \end{array}$$

$$\boxed{\phantom{00} \quad \phantom{00}}$$

---

❖ Conversions:

A. Convert Rupees to paise.

$$1 \text{ Re} = 100 \text{ p}$$

a)  $\text{Rs } 12 = 12 \times 100\text{p} = 1200 \text{ p}$

b)  $\text{Rs } 98 = 98 \times 100\text{p} = 9800 \text{ p}$

c)  $\text{Rs } 31 = 31 \times 100\text{p} = 3100 \text{ p}$

d)  $\text{Rs } 290 = 290 \times 100\text{p} = 29000 \text{ p}$

e)  $\text{Rs } 740 = 740 \times 100\text{p} = 74000 \text{ p}$

---

B. Convert paise to rupee

100 P = 1 Re

a)  $300 \text{ paise} = \frac{300}{100} = \text{Rs } 3$

b)  $1000 \text{ paise} = \frac{1000}{100} = \text{Rs } 10$

c)  $1200 \text{ paise} = \frac{1200}{100} = \text{Rs } 12$

d)  $3900 \text{ paise} = \frac{3900}{100} = \text{Rs } 39$

e)  $1600 \text{ paise} = \frac{1600}{100} = \text{Rs } 16$

❖ Activity.

➤ Paste the picture of Indian currency notes and coins:



Rupees Five Hundred



Rupees Two Thousand



Rupees One Hundred



Rupees Two Hundred



Rupees Fifty



Rupees Ten

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**“ The End ”**

