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NOTES

SUBJECT: MATHEMATICS

MONTH: JULY

CLASS: IV

TOPIC: THE JUNK SELLER

In this chapter we will learn ,

- * Multiplication (normal)
- * Multiplication (split or box method)
- * Rate list

I. Do it mentally and write the answer:

1. $2 \times 8 = 16$
2. $5 \times 15 = 75$
3. $9 \times 41 = 369$
4. $22 \times 10 = 220$
5. $87 \times 3 = 261$

II. RATE LIST:

Kind of junk	Price(1 kg)
Newspaper	Rs.5
Waste paper	Rs.4
Iron	Rs.12
Brass	Rs.170
Plastic	Rs.10

i.) How much Kiran will pay for 42 kg Newspaper?

Ans: 1 kg of Newspaper = Rs.5

Then 42 kg = $42 \times 5 = \text{Rs.}210$

ii.) Find the cost of 22 kg of Plastic?

Ans: 1 kg of Plastic = Rs.10

Then 22 kg = $22 \times 10 = \text{Rs.}220$

iii.) Find the cost of 23 kg of Wastepaper?

Ans: 1 kg of waste paper = Rs.4

Then 23 kg = $23 \times 4 = \text{Rs.}92$

iv.) Find the cost of 12 kg of Iron?

Ans: 1 kg of Iron = Rs.12

Then 12 kg = $12 \times 12 = \text{Rs.}144$

I. Rate List:

S.No	Kind of Junk	Price (1 kg)
1	Waste paper	Rs.5
2	Newspaper	Rs.6
3	Iron	Rs.15
4	Plastic	Rs.20
5	Brass	Rs.150

1.) Find the cost of 40 kg of Newspaper:

ANS: 1 kg = Rs.6

Therefore 40 kg = $40 \times 6 = \text{Rs.}240$

2.) Find the cost of 15 kg of Brass:

Ans: 1 kg = Rs.150

Therefore 15 kg = $15 \times 150 = \text{Rs.}2250$

3.) Find the cost of 7 kg of Iron:

Ans: 1kg = Rs.15

Therefore 7 kg = $7 \times 15 = \text{Rs.} 105$

4.) Find the cost of 20 kg of Plastic:

Ans: 1 kg = Rs. 20

Therefore 20 kg = $20 \times 20 = \text{Rs.} 400$

III. Guess the answer and then calculate: 37×18

x	30	7
10	30×10 $=300$	7×10 $=70$
8	30×8 $= 240$	7×8 $= 56$

By adding the digits in 2 and 3 rows we get $300 + 70 + 240 + 56 = 666$

3. Kiran bought some junk from the junk collectors. She paid them Rs.841. She sold the junk at Dinu's big shop and Dinu gave her these notes and coins.

i.) 6 Notes of Rs.100=Rs.600

ii.) 4 Coins of Rs.1 = Rs.4

iii.) 3 Notes of Rs.50= Rs.150

iv.) 8 Notes of Rs.5= Rs.40

v.) 7 Notes of Rs.20= Rs.140

vi.) 6 Notes of Rs.10=Rs.60

So totally I got $600+4+150+40+140+60=Rs.994$

Money paid =Rs.841

So $994-841=Rs.153$

Kiran got Rs.153.