Mathe Matics - Class 4

Lesson 6

The Junk Seller

Word problems .

1)If a person who runs a tea stall earns Rs. 30 in a day. How much will he earns in a 10 days ? How much he earns in a month ?

Ans. Earns money in one day =Rs. 30

   Earns money in ten days =Rs.30 x 10

                        = Rs. 300

 (1 month = 30 days)

 Earns money in a month =Rs. 30 x 30

                     = Rs. 900

2)Kiran has 9 rickshaws . She gives the rickshaws on rent each get Rs.20 a   day . On Sunday ,

She does not take rent . How much does she earn from 9 rickshaws in a day ?

How much money she earns in a month ?

Ans. No : of rickshaws   = 9

    rent of 1 rickshaw = Rs. 20

    earns in a day   =Rs. 20 x 9 =Rs. 180

              (1 month = 30 days)

(4 Sundays are not included . Because she does n ' t take rent on Sundays)

 So, she earns in a month

                 =Rs. 180 x 26

                 = Rs. 4680

(one Sunday is not included)

So,She earns in a week

                =Rs. 180 x 6

                =Rs. 1080

3)In a week how much will she earns from one rickshaw ?

Ans. Earns in 1 day from 1 rickshaw   = Rs. 20

   Earns in 1 week   = Rs. 20 x 6

                                                    = Rs. 120

(Sunday she does not take rent)

4)Hariya has taken a loan of Rs. 300 from bank for 6 months. He will pay Rs. 51 every month to the bank . But, Babu has taken a loan of Rs. 300 from Chunnilal. After six months he will pay back Rs.360.Who has to pay back more ?   Hariya or Babu !

Ans. Total amount = Rs. 300

Hariya has to pay every month =Rs. 51

Hariya paid after six month = Rs. 51 x 6 = Rs. 306

Babu paid after six month = Rs. 360

So , Babu paid more than Hariya

(306 < 360)

<u>Rate List</u>

Kind of Junk	Price of 1 kg
Waste paper	**Rs. 4/**
News paper	**Rs. 5/**
Iron	**Rs. 12/**
Brass	**Rs. 170/**
Plastic	**Rs. 10/**

1)How much will Kiran pay for 31 kg News paper ?

Ans. Cost of 1 kg news paper =Rs. 5

Cost of 31 kg news paper = Rs.5 x 31

=Rs. 155

2)How much will Kiran pay for 42 kg plastic ?

Ans. Cost of 1 kg plastic =Rs. 10

Cost of 49 kg plastic = Rs. 10 x 42

= Rs. 420

3)33 kg of Iron

Ans. Cost of 1 kg Iron =Rs. 12

Cost of 33 kg Iron =Rs. 12 x 33

= Rs. 396

4)15 Kg of Brass

Ans.Cost of 1 kg Brass=Rs.170

Cost of 15 kg Brass=Rs.170x15=Rs.2550

5)28 kg of waste paper

Ans.Cost of 1 kg waste paper=Rs.4

Cost of 28 kg waste paper=Rs.4x28=Rs.112

Dinu's Rate List	
Kind Of junk	**Price of 1 kg**
Waste paper	**Rs.4.50**
News paper	**Rs.6**
Brass	**Rs.180**
Plastic	**Rs.12**
Iron	**Rs.14**

1)Kiran bought 1 kg plastic for Rs. 10 but,she sold 1 kg plastic for Rs.12 .How much money does she earn on selling 1 kg plastic ? So, how much money does she earn on 63 kg ?

Ans. Bought 1 kg plastic   = Rs. 10

    Sold 1 kg plastic   =Rs. 12

    Earn on selling 1 kg plastic =Rs. 12 – Rs. 10

                            =Rs. 2

    Earn on 63 kg   =RS.2 x 63 =Rs.126

2) Kiran buys 1 kg iron for Rs. 12, but sells it for Rs. 14 . How much does she earn when she sells 32 kg iron ?

Ans. Buy 1 kg iron   =Rs. 12

    Sell 1 kg iron   = Rs. 14

    Earn from 1 kg =Rs. 14 – Rs. 12

                = Rs. 2

    Earn from 32 kg = Rs. 2 x 32

                =Rs. 64

3) What will Dinu pay for 152 kg newspaper ?

Ans. Cost of 1 kg newspaper   =Rs. 6

    Cost of 152 kg newspaper =Rs. 6 x 152

                        =Rs. 912

4) How much money will Dinu pay for 4 kg brass ?

Ans. Cost of 1 kg brass = Rs. 180

    Cost of 4 kg brass = Rs. 180 x4

                = RS. 720

<ins>Multiplication in different way</ins>

1)53x32

	50	3
30	50x30=1500	3x30=90
2	50x2=100	3x2=6

Ans:1696

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  1500
   100
    90
 +   6
  1696
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Count and write the money

100------2notes

500-----3notes

50------7notes

2000—-1note

10------10notes

Ans:100x2=200

   500x3=1500

    50x7=350

  2000x1=2000

   10x10=100

```
   200
  1500
   350
  2000
 + 100
  4150
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Ans=200+1500+350+2000+100=Rs.4150