

DON BOSCO SCHOOL, KOKAR, RANCHI
2020-2021

Sub - Maths1

Class - 6

Chapter Numbers ch 1

Exercise 1.4

Word problems

Q1.

Ans-Total money with the merchant = ₹80290

Cost of one fan=1200

Cost of 50 fans=1200x50=₹60,000

Money left with the merchant=

Money with him-money spent on purchase of fans

₹80290-₹60,000=₹ 20,290 Ans

Q2.

Ans

One way distance from Rohini house to school=1km ,420m=1.420km

Both way coverage=2x.1.420=2.840km

Total distance covered in 5 days by him

= Total distance both ways covered x number of days

=2.840x5=14.200m Ans.

Q3.

Ans--

Number of seat available for making notebook=75,000

As each sheet makes 8 pages

So, number of pages available=number of sheets

=75,000x8=x number of pages in each sheet =6,00,000 pages

Again I speech notebook contains 200 pages

So, number of notebooks which could be made=number of pages÷number of pages in each notebook

=6,00,000÷200=3,000 note books Ans.

Q4.

Ans--

As one bottle contains 900 ml of oil

So, 40 such bottles will contain

=Number of bottles x oil contained in each bottle

=40x900ml=3600 ml

=3600÷1000 litre

=36 litre Ans.

Q5.

Ans_

Total quantity of sugar available=45 kg 450 grams
Equal amount of sugar distribution among 50 students
=Total quantity of sugar÷number of students
=45.450kg÷=3.03
3 kg 30 grams Ans.

Q6.

Ans_

Number of votes by winning candidate in an election=7,26,249 votes
Number of votes obtained by his nearest rivals =526,351 votes
number of votes obtained by the third candidate=45,460 votes
Number of invalid votes=2285 votes
So total number of votes polled=number of votes of winner+number of votes of nearest rival+number of third candidate+number of invalid votes
=7,26,249+5,26,351+45,460+2,285
=1,300,345 votes Ans.

Q7.

Ans_

Number of screws produced by a factory in one day=8565 screws
So, number of screws produced in one ear having 291 days of working
Then total number of screws produced by factory in one year
=Number of screws produced in one day x number of working days in a year
=8565 x 291=24,92,415 screws.Ans.

3,77,1703,7

Q8.

Ans_.

Total population of a town in the year 2015=3,25,243
Increase in the population for the year 2016
=51,927
Total population of the year 2016=population of the year 2015+increase population for the year 2016
=3,25,243+51,927=3,77,170.Ans.

Q9.

Ans.

Total number of medicinal tablets in a box=2,50,000
As each medicine weighs 20 milligram
So the total weight of medicinal tablets
=Total number of x weight of each tablet
=2,50,000x20mg
=50,00,000mg

As such weight in grams= $50,00,000 \times 1000$ gm
= 5000 gram
And weight of kilogram= $5000 \div 1000$ kilogram= 5 kg And.

Q10.

Ans.

Multiplication mistake= 8245×35
= $2,88,575$

Actual multiplication required
= $8,246 \times 32 = 2,63,840$

The mistake was greater by=amount multiplied by mistake-amount of actual multiplication
= $2,88,575 - 2,63,840 = 24,735$ Ans

Q11

Ans.

One shirt requires= $2 \text{ m } 20 \text{ cm} = 2.20 \text{ m}$

Total amount of clothes required=amount of one shirt x total number of shirts
= $2.20 \times 16 = 35.20$ meter or 35 meter 20 cm

Q12.

Ans.

Total number of pages in a newspaper= 14 pages

Number of papers produced in one day= $12,928$ copies

So, total number of pages printed in one day

=Total number of pages in one copy of newspaper x number of copies of paper produced in one day

= $14 \times 12,928 = 180,992$ pages. Ans

Q13.

Ans.

/Number of TV sets sold in the year 2014 -2015= $8,47,200$ sets.

Number of TV sets sold in the year 2015-16

= $9,10,345$

The year 2015-16 has more number of TV sets sold

The number IMO of TV sets sold

=TV set sold in the year (2015-16)-TV set sold in the year 2014-15

= $9,10,345 - 8,47,200 = 63,145$ sets

So, $63,145$ TV sets more was sold in the year 2015-16. Ans.

Q14.

Ans.

Total distance covered by Mohit=

Distance travelled towards north+distance travelled towards south+distance travel towards west=

=8km425m+13km210m+15km675m
=37.31 kmAns

Q15.

Ans.

The engine pumps in one minute=850 litres of water

Total time taken to produce 13,77,000 litres of water

=Total amount of litre to be produced÷number of litres produced in 1 minute

=13,77,000÷850=1620 minutes

=1620÷60hrs=27 hr

Ans

Exercise 1.5

(Revision of class 5)(multiplication)

Exercise 1.6(rounding number

(Revision of class 5)
