



Que1:-Fill in the blanks:-

- a) $9 \times 12 = 108$
- b) $42 \times 0 = 0$
- c) $2 \times 16 = 32$
- d) $92 \div 1 = 92$
- e) $90 \div 10 = 9$
- f) $20 \div 5 = 4$
- g) $42 \div 6 = 7$
- h) $0 \div 4932 = 0$
- i) Quarter past 6 in the evening $6:15\text{pm}$
- j) 60 minutes = 1hour
- k) 8: in the night $8:15\text{pm}$
- l) My father goes to office at $09:00\text{am}$.
- m) 4 o'clock in the afternoon $04:00\text{pm}$.
- n) 1 week = 7days .
- o) 1 year = 365days .
- p) 1 month = 30days .
- q) $8000\text{m} = 8\text{km}$.
- r) $47\text{m} = 4700\text{cm}$
- s) $5410\text{cm} = 54\text{m} 10\text{cm}$.
- t) $62\text{km} = 62000\text{m}$.

Que2:-write the product and factors of each of the following.

- a) $5 \times 4 = 20$ product 20 factors 5 and 4 .
- b) $3 \times 3 = 9$ product 9 factors 3 and 3 .
- c) $2 \times 4 = 8$ product 8 factors 2 and 4 .
- d) $6 \times 2 = 12$ product 12 factors 6 and 2 .

- e) $3 \times 9 = 27$ product 27 factors 3 and 9 .
- f) $6 \times 5 = 30$ product 30 factors 6 and 5 .
- g) $7 \times 7 = 49$ product 49 factors 7 and 7 .
- h) $2 \times 9 = 18$ product 18 factors 2 and 9 .

Solve the Word Problems:-

- ① If 12 m 30 cm of cloth is needed to stitch 5 dresses, how much cloth does each dress need?
- Sol: Total cloth 12 m 30 cm
No. of dresses for stitch 5

	M	CM
	2	46
5)	12	30
	- 10	
	2	3
	- 2	0
		30
		- 30
		00

2 m and 46 cm cloth each dress need.

- ② Sidharth travelled 2 km 14 m by rail, 13 km 132 m by air and 7 km 9 m by road. How much did he travel altogether?

Sol: Sidharth travelled by train 2 km 14 m.
Sidharth travelled by Air 13 km 132 m.
Sidharth travelled by Road 7 km 9 m.

	Km	m
	2	14
	13	132
+	7	9
	22	155

He travelled altogether is 22 km and 155 m

③. Mr. Ram jogs 4 km 18 m everyday. How much distance will he jog in a week?

Sol 3 Mr. Ram jogs everyday 4 km 18 m.
1 week having 7 days

km	m
4	18
x	7
28	126

He jogs in a week 28 km and 126 m.

④ The movie begins at 6:30 p.m. It is 3 hours long. When does it get over?

Sol 4 Movie begins at = 6:30 P.M.
Movie gets over after = 3:00 hours.

hrs	mins
6	30 pm
3	00
9	30 pm.

Movie gets over at 9:30 pm.

⑤ The maths period gets over at 9:45 a.m. The period was 45 minutes long, when did the period start?

Sol 5 Maths period gets over at = 9:45 a.m.
 Period was long as = 45 minutes.

hrs.	:	mins.
9	:	45 a.m.
-	:	45
9	:	00 a.m.

The period was start at 9:00 a.m.

⑥ Ajay brought 5 cans of paint and used 3 cans. What fraction of paint did he use?

Sol 6 Total no. of cans is = 5
 Used cans of paint is = 3

Fraction is $\frac{3}{5}$

He used $\frac{3}{5}$ cans of paint.

7) Eight children shared a pizza equally.
What fraction of the pizza did each child get?

Solⁿ

Total no. of pizza = 1
Total children shared a pizza = 8

$$\text{Fraction} = \frac{1}{8}$$

Fraction of pizza each child get is $\frac{1}{8}$.

- ⑧ In a school there are 27 classes. Each class has the same number of students. If the total no. of students is 972, find the number of students in each class.

Sol: Total no. of classes is = 27
 Total no. of students is = 972
 No. of students in each class = ?

$$\begin{array}{r}
 36 \\
 27 \overline{) 972} \\
 \underline{- 81} \\
 162 \\
 \underline{- 162} \\
 000
 \end{array}$$

Total no. of students in each class is 36.

- ⑨ The product of two numbers is 2856. One of the number is 4. Find the other number.

Sol: -

Product of two no. is 2856
 One of the no. is = 4

$$\begin{array}{r}
 714 \\
 4 \overline{) 2856} \\
 \underline{- 28} \\
 05 \\
 \underline{- 4} \\
 16 \\
 \underline{- 16} \\
 00
 \end{array}$$

Q If 1 dozen is 12 marbles, how many marbles will 6 dozen have?

Solⁿ In 1 dozen 12 marbles = 1×12

In 6 dozen's having a marbles = 12×6

$$\begin{array}{r} \textcircled{1} \\ 12 \\ \times 6 \\ \hline 72 \end{array}$$

72 marbles in 6 dozen.

Q There are 200 boxes in a truck filled with apples. If each box has 15 apples, How many apples are there in all?

Solⁿ 1 truck having 200 boxes of apples = 1×200
Each box carrying 15 apples = 200×15

$$\begin{array}{r} 200 \\ \times 15 \\ \hline 1000 \\ + 2000 \\ \hline 3000 \end{array}$$

There are 3000 apples in all.

Que-12 Use the information given below and represent it using tally marks.
Population of a village (in lakhs)

Adult : 35 Senior Citizens : 21 Children : 49 Infants :

Population of a village in Lakhs		
	Tally marks	Number
Adults		35
Senior Citizen		21
Children		49
Infants		18

Now, Answer the following questions.

- 1) What is the total population of the village? 123 lakhs
- 2) What is the total count of children and Infants? 67 lakhs
- 3) Who are more in number, Senior citizens or adults? Adults By how many? 14 lakh
- 4) What type of people are the least in the village? Infants
- 5) What type of people are the most in the village? Children

Que 13] Represent the information given below about the number of viewers each TV channel has, in a pictograph. Each 😊 = 100 views.

Star Plus	700
Discovery channel	1000
Sony	800
Cartoon Network	500

TV Channel	Number of viewers of TV channels
Star Plus	😊😊😊😊😊😊😊
Discovery Channel	😊😊😊😊😊😊😊😊😊😊😊
Sony	😊😊😊😊😊😊😊😊😊
Cartoon Network	😊😊😊😊😊

Que 14 Subtract the following :-

1] hrs	2] Min	3] hrs	4] min.
5	39	15	48
- 4	- 16	- 8	- 23
1 hrs	23 hrs	7 hrs	25 min

5] m	cm	6] km	m	7] km	m	8] hrs	Min
72	00	19	054	98	000	5	47
- 32	14	- 12	084	- 39	156	- 2	28
39	86	06	967	58	844	3 hrs	19 min

Ques 15 Add the Following:-

① hrs	② hrs	③ hrs	④ hrs
3	10	17	42
+ 7	+ 9	+ 7	+ 9
<u>10 hrs</u>	<u>19 hrs</u>	<u>24 hrs</u>	<u>51 hrs</u>

⑤ m cm	⑥ km m	⑦ m cm
25 15	61 730	12 57
+ 32 77	+ 7 145	+ 37 19
+ 10 06	+ 23	<u>49 76</u>
<u>67 98</u>	<u>68 898</u>	

⑧ km m
24 930
+ 10 032
+ 11 006
<u>45 968</u>

Que 16] Divide the following :-

$$\begin{array}{r} 6.35 \\ 51 \overline{) 32385} \\ \underline{-306} \\ 178 \\ \underline{-153} \\ 255 \\ \underline{-255} \\ 000 \end{array}$$

(2)

$$\begin{array}{r} 1696 \\ 2 \overline{) 3392} \\ \underline{-2} \\ 13 \\ \underline{-12} \\ 19 \\ \underline{-18} \\ 12 \\ \underline{-12} \\ 00 \end{array}$$

$$\begin{array}{r} 987 \\ 8 \overline{) 7896} \\ \underline{-72} \\ 69 \\ \underline{-64} \\ 56 \\ \underline{-56} \\ 00 \end{array}$$

(4)

$$\begin{array}{r} 1713 \\ 12 \overline{) 20563} \\ \underline{-12} \\ 85 \\ \underline{-84} \\ 16 \\ \underline{12} \\ 43 \\ \underline{-36} \\ 07 \end{array}$$

Que 17] Multiply the following :-

$$\begin{array}{r} \textcircled{1} \quad \text{m} \\ 13 \\ \times 7 \\ \hline 91 \text{ m} \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad \text{m} \\ 16 \\ \times 2 \\ \hline 32 \text{ m} \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad \text{cm} \\ 14 \\ \times 4 \\ \hline 56 \text{ cm} \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad \text{cm.} \\ 19 \\ \times 6 \\ \hline 114 \text{ cm.} \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 22010 \\ \times \quad 3 \\ \hline 66030 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1234 \\ \times \quad 2 \\ \hline 2468 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 8340 \\ \times \quad 8 \\ \hline 66720 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 4326 \\ \times \quad 9 \\ \hline 38934 \end{array}$$

Que 18] Find the product:-

$$\textcircled{a} \quad 16 \times 2 = \underline{32}$$

$$\textcircled{c} \quad 9 \times 3 = \underline{27}$$

$$\textcircled{e} \quad 5 \times 4 = \underline{20}$$

$$\textcircled{b} \quad 3 \times 3 = \underline{9}$$

$$\textcircled{d} \quad 2 \times 6 = \underline{12}$$

$$\textcircled{f} \quad 9 \times 9 = \underline{81}$$

Que 19] Find the Divisor.

$$\textcircled{1} \quad 90 \div \boxed{10} = 9$$

$$\textcircled{3} \quad 42 \div \boxed{6} = 7$$

$$\textcircled{5} \quad 24 \div \boxed{4} = 6$$

$$\textcircled{2} \quad 48 \div \boxed{6} = 8$$

$$\textcircled{4} \quad 45 \div \boxed{5} = 9$$

$$\textcircled{6} \quad 35 \div \boxed{7} = 5$$

Que 20] Write the numeral for each fraction:-

$$\textcircled{1} \quad \text{Two-Sixths} = \frac{2}{6}$$

$$\textcircled{3} \quad \text{One-fifth} = \frac{1}{5}$$

$$\textcircled{2} \quad \text{Ten-elevenths} = \frac{10}{11}$$

$$\textcircled{4} \quad \text{Thirteen-fourteenths} = \frac{13}{14}$$

Que 21] Read the fractions write them in words.

$$\textcircled{1} \quad \frac{1}{2} = \text{Half}$$

$$\textcircled{2} \quad \frac{1}{4} = \text{One-fourth}$$

$$\textcircled{3} \quad \frac{3}{9} = \text{Three-ninths}$$

$$\textcircled{4} \quad \frac{5}{11} = \text{Five-Elevenths}$$

$$\textcircled{5} \quad \frac{4}{7} = \text{Four-Sevenths}$$

$$\textcircled{6} \quad \frac{11}{4} = \text{Eleven-fourteenths}$$

Que 24) Identify the dividend, divisor, quotient and remainder.

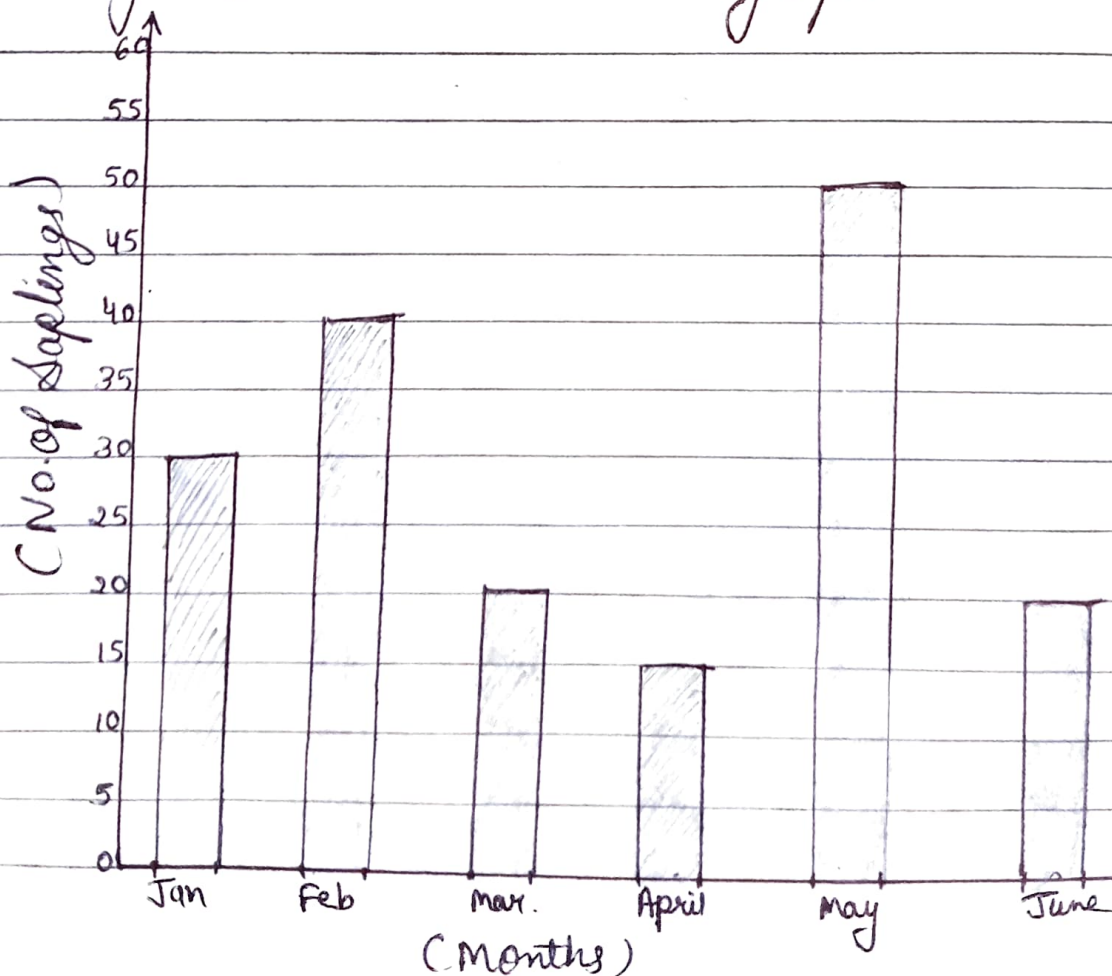
$$\begin{array}{r} \textcircled{1} \quad \quad 9 \\ 2 \overline{) 19} \\ \underline{-18} \\ 01 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad \quad 6 \\ 3 \overline{) 13} \\ \underline{-12} \\ 01 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad \quad 8 \\ 5 \overline{) 43} \\ \underline{-40} \\ 03 \end{array}$$

- | | | |
|-------------------------|-------------------------|------------------------|
| a) Dividend - <u>19</u> | a) Dividend - <u>13</u> | a) Dividend - <u>8</u> |
| b) Divisor - <u>2</u> | b) Divisor - <u>3</u> | b) Divisor - <u>5</u> |
| c) Quotient - <u>9</u> | c) Quotient - <u>6</u> | c) Quotient - <u>8</u> |

Que 25) This bar graph show the number of Saplings planted by a NGO between January to June 2016. Read the graph.



① In which month were maximum saplings planted?
May

② How many saplings were planted in February and June together?
60

③ In which two months were equal number of saplings planted?
March and June

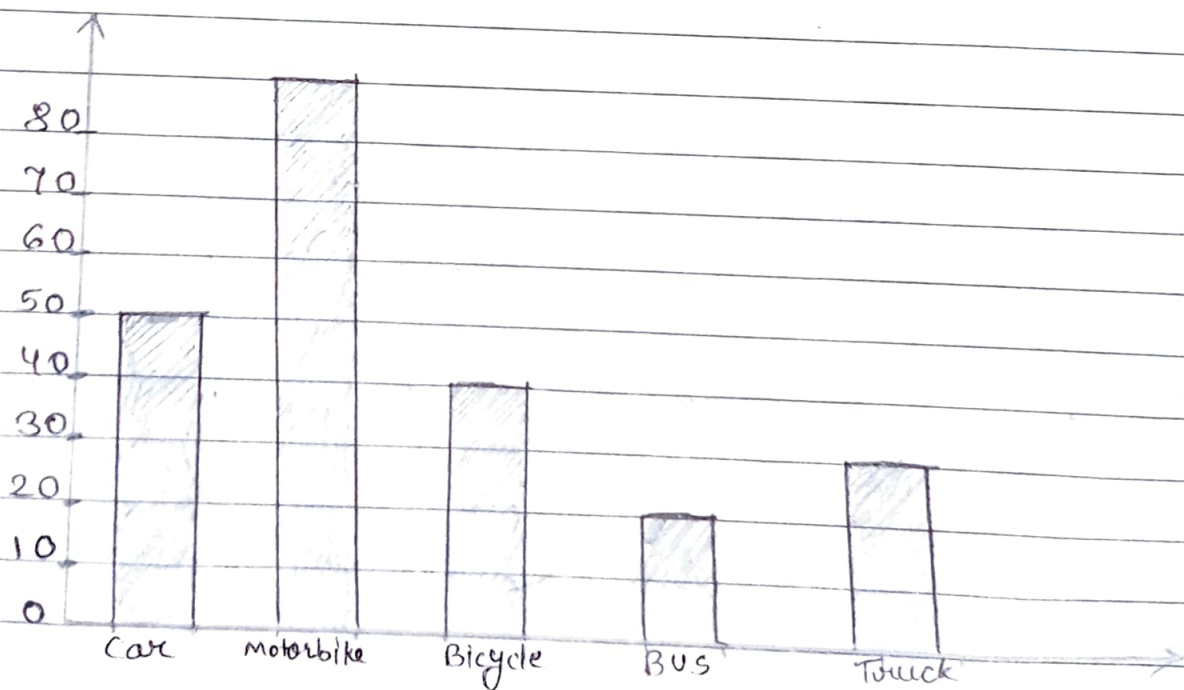
④ How many saplings?
20 saplings.

⑤ How many saplings were planted together?
175 saplings

⑥ In which month were least saplings planted?
April How many? 15 saplings

⑦ How many more saplings were planted in May than in April?
35 Saplings.

⑧ How many less saplings were planted in March than in January?
10 saplings



Now given bar graph we can answer the following questions.

1. How many types of vehicles are mentioned?
5 types
2. Which vehicle passes by Sudhir's house the most?
Motorbike
3. Which vehicle passes by Sudhir's house the least?
Bus
4. What is the difference between the number of cars and trucks which pass by Sudhir's house?
20
5. How many bicycles pass by Sudhir's house each day?
40 bicycles
6. What is the total count of the vehicles which pass by Sudhir's house in a day?
220 vehicles.

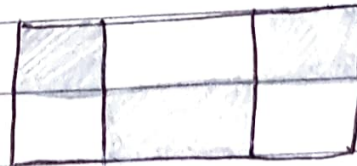
Que 26] Circle the fraction, which represents the shaded portion

①



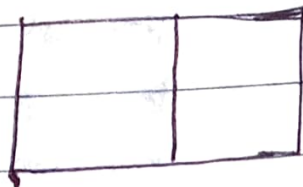
$$\frac{1}{3}; \textcircled{\frac{2}{3}}$$

②



$$\frac{2}{8}; \textcircled{\frac{3}{6}}$$

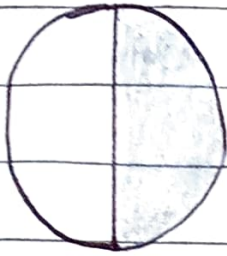
③



$$\textcircled{\frac{1}{2}}; \frac{2}{4}$$

Que 27 Colour the figure as per the fraction given.

①



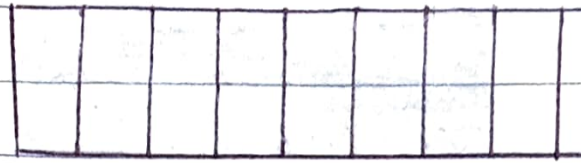
$$\frac{1}{2}$$

②



$$\frac{3}{4}$$

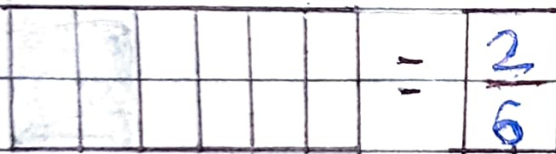
③



$$\frac{7}{9}$$

Que 28 Write the fraction of the shaded portion in words and figures.

①



$$= \frac{2}{6}$$

②



$$\frac{3}{4}$$

Two-Sixths

Three-Fourths

Que 28 Write the numerator (N) and denominator (D) of the following :

1) Fraction	N	D	2) Fraction	N	D	3) Fraction	N	D
$\frac{1}{2}$	1	2	$\frac{8}{16}$	8	16	$\frac{2}{9}$	2	9

Que 29 Write the fraction for the following

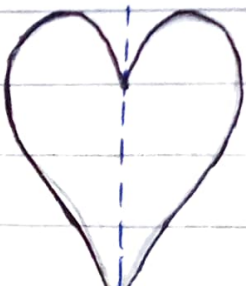
- ① N D Fraction ② N D Fraction ③ N D Fraction
 3 12 $\left[\frac{3}{12} \right]$ 9 10 $\left[\frac{9}{10} \right]$ 4 17 $\left[\frac{4}{17} \right]$

Que 30 Observe the pattern and complete it.

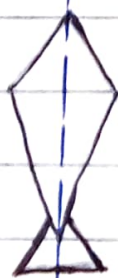
1. AZ BY CX DW EV FU
 2.      
 3. 42 40 38 36 34 32
 4. 20 22 24 26 28 30
 5.       
 6.       
 7.       

• Draw a line of symmetry to divide the shapes into two equal halves.

①



②



③

