

INTERNATIONAL INDIAN SCHOOL DAMMAM
UPPER PRIMARY SECTIONS
CLASS IV MATHS WORKSHEET (Annual 2018-2019)

Name _____ Sec _____ Roll no _____

CHAPTER-3 Multiplication

I Fill in the blanks

1. Any number multiplied by.....gives zero as the product.
2. Thecan be multiplied in any order, the product remains same.
3. $2 \times 3 \times 5 = 3 \times \dots \times \dots$
4. $319 \times 30 = \dots$
5. In $3 \times 5 = 15$, 3 and 5 are called
6. $426 \times \dots = 210 \times \dots$
7. $20 \times 18 \times \dots = 0$
8. $35 \times 10 \times \dots = 350$
9. $210 \times 10 = \dots$
10. $528 \times 20 = \dots$

II Write true or false

- | | |
|---------------------------|-------------------------|
| a) $96 \times 70 = 6720$ | b) $254 \times 0 = 254$ |
| c) $100 \times 10 = 1010$ | d) $1 \times 380 = 380$ |

III Multiply

- | | | | |
|----------|-------------|------------|------------|
| 304 x 28 | b) 708 x 80 | c) 98 x 70 | d) 29 x 50 |
|----------|-------------|------------|------------|

IV Word problems

- a) A particular kind of fish lays about 300 eggs at a time. How many eggs will be laid by 548 such fish?
- b) Each orange tree of an orchard gives 135 oranges. How many oranges will 68 such trees give ?
- c) Multiply the largest 5 digit number with the smallest 3 digit number .

V Do by box multiplication

- | | |
|----------|---------|
| a) 45x18 | b)25x19 |
|----------|---------|

Chapter -6 MULTIPLES

I Fill in the blanks:

1. Every _____ of a number is greater than or equal to the number itself.
2. The fifth multiple of 6 is _____
3. 24 is a _____ of 4.
4. 90 is the _____ multiple of 10.
5. The first two multiples of 15 are _____ and _____

II Do as directed:

1. Is 93 a multiple of 8?
2. Find the first 3 multiples of a) 18 b)24
3. Find the first 2 common multiples of 5 and 10

III State true or false:

1. $6 \times 2 = 12$, here 2 is a multiple of 12.
2. The 4th multiple of 9 is 45.
3. 7 is a multiple of 42.
4. 30 is a multiple of 5.
5. $2 \times 4 \times 6 = 48$, here 48 is a multiple of 2, 4 and 6

Chapter 7- Fraction

1. Fill in the blanks

1. A----- shows part of a whole
2. For fractions to be equal they should be from the -----
3. The number written above the horizontal line is called -----
4. Fractions that represent the same parts of a whole are called-----
5. $\frac{2}{10}$ and $\frac{4}{10}$ are ----- fractions
6. A fraction is called a ----- fraction when its numerator is 1
7. $\frac{8}{12} + \frac{9}{12} =$ -----
8. $\frac{9}{15} - \frac{7}{15} =$ -----
9. The mixed number for $\frac{8}{5}$ is -----
10. Write 3 more like fractions for $\frac{2}{10}$ -----

II Write the following fractions in numbers

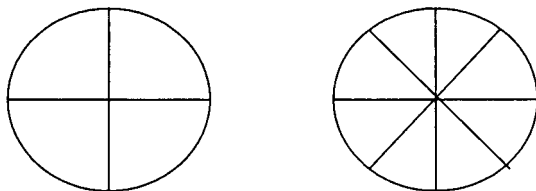
- a. Two-fifths b. five-twelfths c. one-quarter

3. Colour each collection to show the given fraction

a.



4. Colour the following to show equivalent fractions



5. Identify unlike fractions- $\frac{14}{17}, \frac{8}{17}, \frac{9}{12}, \frac{9}{18}, \frac{1}{14}, \frac{8}{14}, \frac{4}{18}, \frac{2}{12}$

6. Compare the following fractions- Use symbols $<, >$

- a. $\frac{7}{10} \text{ --- } \frac{3}{10}$ b. $\frac{6}{11} \text{ --- } \frac{8}{11}$ c. $\frac{7}{8} \text{ --- } \frac{5}{8}$ d. $\frac{7}{10} \text{ --- } \frac{5}{10}$ e. $\frac{16}{20} \text{ --- } \frac{19}{20}$

7. Arrange in ascending order

- a. $\frac{3}{17}, \frac{2}{17}, \frac{6}{17}, \frac{5}{17}$

8. Arrange in descending order

a. $\frac{7}{12}, \frac{5}{12}, \frac{9}{12}, \frac{8}{12}$

9. Find

a. $\frac{1}{2}$ of 60 minutes b. $\frac{4}{6}$ of a dozen

10. Find the sum:

a. $\frac{5}{9} + \frac{3}{9}$ b. $\frac{13}{19} + \frac{5}{19}$ c. $\frac{7}{16} + \frac{5}{16}$

11. Subtract

a. $\frac{13}{14} - \frac{8}{14}$ b. $\frac{8}{15} - \frac{4}{15}$ c. $\frac{5}{17} - \frac{3}{17}$

12. Write as a sum of unit fractions

a. $\frac{8}{9}$ -

13. a. Convert $\frac{15}{7}$ into a mixed fraction

b. convert $1\frac{3}{5}$ into an improper fraction

14. Convert these improper fractions into whole numbers

a. $\frac{16}{4}$ b. $\frac{50}{5}$ c. $\frac{27}{9}$

15. Fill in the boxes

a. $\frac{12}{13} - \frac{9}{13} = \frac{3}{13}$ b. $\frac{4}{15} - \frac{1}{15} = \frac{3}{15}$

16. Colour $\frac{4}{12}$ of the group:



17. Applications in real life

a. Rohit spend $\frac{1}{3}$ of his money on food and $\frac{1}{3}$ of his money on books. What fraction of money did he spend in all?

b. Kriti studies $\frac{3}{8}$ hour every day and Srishti studies $\frac{6}{8}$ hour everyday. Who studies more and how much?

Chapter -10 Measurement

I Fill in the blanks

a) 809cm = _____ m _____ cm

b) $9\frac{1}{2}$ m = _____ m _____ cm

c) 750 _____ = $\frac{3}{4}$ km

d) 500g + 500g + _____ = 2kg

e) To convert metres in to centimeters, we multiply the quantity of metres by _____

f) _____ is used to measure heavier weights.

g) The litre is the unit of measuring _____

h) 25 kg 750g = _____ g

II Choose the correct answer

- a) $1\frac{1}{4}$ m = _____ cm
(1250 , 125 , 1750)
- b) The length of the black board is _____
(125m , 125cm , 125km)
- c) $250\text{g} + 500\text{g} +$ _____ $= 1\text{kg}$
(250g , 500g, 1000g)
- d) $602\text{cm} =$ _____
(6m 2cm , 600m 2cm , 6m 20cm)

III Draw the line segments of the following lengths:

- a) 6 cm b) $9\frac{1}{2}$ cm c) $8\frac{1}{2}$ cm

IV) i) Express in cm

- a) 6 m 2cm b) $3\frac{1}{2}$ m c) 4m 25cm

ii) Express in m and cm

- a) 640cm b) 325cm c) 605cm

iii) Express in km and m

- a) 8200m b) 6820m c) 1650m

iv) Express in ml

- a) $3\frac{1}{4}$ l b) $2\frac{1}{2}$ l c) $3\frac{1}{4}$ l

v) Express in litres

- a) 6500ml b) 7750 ml c) 9250 ml

vi) Express in kg

- a) 7750g b) 6000g c) 3250g

v) **Mixed Problem Solving**

- a) Ramu weighs 16kg. His father weighs three times his weight. Find the weight of Ramu's father?
- b) How many vessels of 500ml each can be filled with $2\frac{1}{2}$ l petrol.?
- c) A rickshaw-puller is carrying two persons weighing 52 kg and 37 kg. What is the total weight of the two persons carried by the rickshaw-puller?
- e) Dennis had a piece of rope that was 2 m long. He cut the rope into 4 equal pieces. What is the length of each piece? Was each piece of rope greater than or less than 1 m?

CHAPTER-11 PERIMETER AND AREA

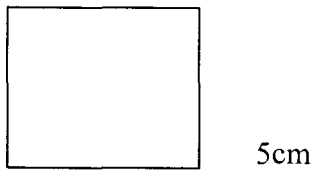
I. Fill in the blanks:-

1. Length around a figure or shape is called _____ of the figure.
2. The measure of the enclosed surface in a figure is called _____
3. Perimeter of a rectangle = $2 \times (\text{_____} + \text{breadth})$
4. Area of a square = _____
5. Perimeter of an equilateral triangle = _____
6. The area of a _____ is equal to the product of its length and breadth.
7. Area of a square having side 1cm is _____
8. Perimeter of a square with side 6cm is _____
9. The distance around the edge of a figure is called _____

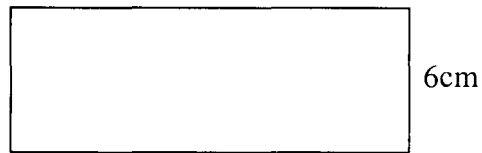
10. The length of the side of a square with perimeter 20cm is _____

II. Find the perimeter of the following figures :

a) 4cm



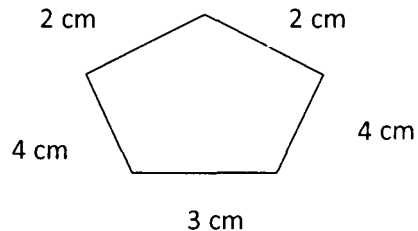
b) 12cm



c)



d)



III. Find the perimeter of the rectangle whose:

a) Length = 12cm , breadth = 7cm

IV. Find the perimeter of square in which each side is :

a) 25cm b) 17m c) 10m

V. Find the perimeter of an equilateral triangle whose side is :

a) 14m b) 20cm c) 18cm

VI. Find the area of the square whose side is :

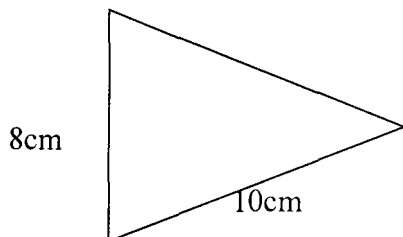
a) 10cm b) 15m c) 17cm

VII. Find the area of the rectangle whose length and breadth are :

a) 11cm and 8cm b) 16m and 6m

VIII. Solve the following:

1. Find the length of the iron wire required to fence a ground whose length is 23m and breadth is 15m.
2. A school has a playground 30m long and 20m broad .What is its area?
3. The sides of a triangular park are 17cm, 16cm and 13cm.Find its perimeter.
4. A square shaped picture is to be framed. Its side is 29cm.what length of the frame will be needed?
5. Find the area of the square plot having side 30m.
6. Raju walks around a square park whose side is 70m. One day he walked around the park 5 times. How much did he walk in all?
7. Find the missing length of the following figure if the perimeter is 30 cm.



L-12 DATA HANDLING

I FILL IN THE BLANKS

1. A pictograph uses _____ or _____ to show numbers and represent information .
2. The key tells the _____ and the _____ of the picture symbol .
3. _____ uses bars to represent numbers .
4. _____ and _____ helps us to compare informations.

II PICTOGRAPH

Career choices of class 12 students are shown below –

Engineer -- ☺ ☺ ☺ ☺

Businessmen – ☺ ☺ ☺

Doctor -- ☺ ☺ ☺

Teacher -- ☺ ☺

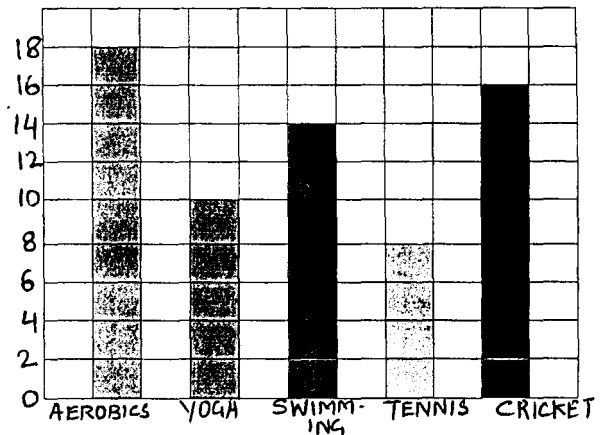
Each ☺ = 2 students

1. What is the most popular career choice? ----- How many students chose it?
2. How many students are there in the class ?-----
3. How many students want to become businessmen than teachers ?-----
4. How many more students want to become engineers than doctors ?-----

III The bar graph given below shows the different clubs class IV students chose to join in their school

1. How many students chose cricket ?-----
2. How many students chose swimming over yoga ?-----
3. How many fewer students chose tennis over yoga ?-----
4. How many students are more in aerobics than in cricket ?
_____ .

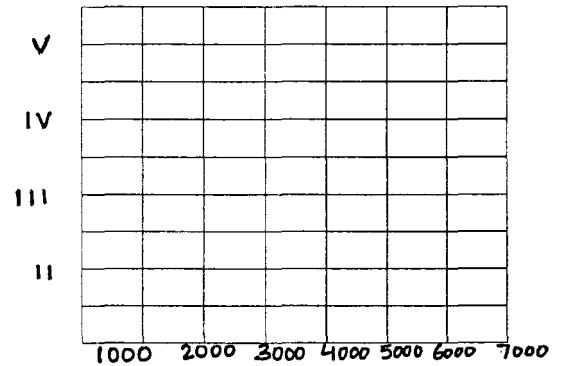
* each square represents 2 students



IV . The list below shows the amount of money collected by different classes towards charity for poor.

Complete the bar graph .

Class	amount collected
II	2000
III	5000
IV	6000
V	4000



V .Horizontal Bar Graph

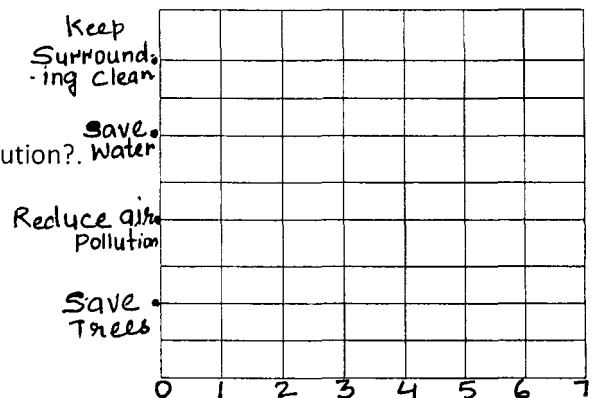
Given below are the project topics choices made by class 4 students on saving the environment.
 Complete the graph and answer the questions.

- . save trees _ 7 students
- . keep surrounding clean _ 5 students
- .save water _ 6 students
- . reduce air pollution _ 4 students

- Which is the most chosen topic?-----
 How many students chose that topic?-----
- How many more students chose save water over reduce air pollution?

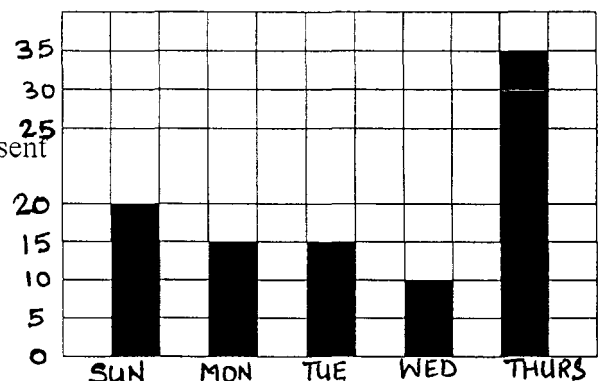
- How many less students chose save water over keep surroundings clean? -----

*one square represent 1 person.



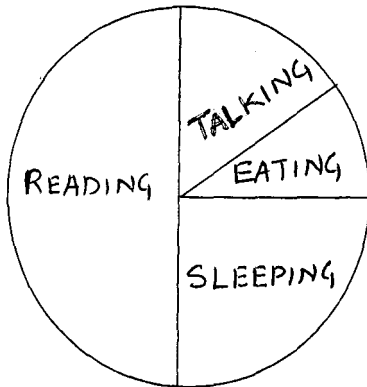
VI . Given below is the attendance of students of class IV I for a week. Study the graph and answer the questions .

- On which day was the least number of students present in the class?-----
- On which two days were the same number of students present in the class?-----
- On which day were the maximum number of students present in the class?-----How many?-----



VII .CIRCLE GRAPH

This circle graph show how Anand spent his time during a 16 hours train journey. Read the graph and answer the questions.



1. What did Anand spend most of his time doing?
- 2, Did he spend more time talking or sleeping?
3. If he spent $\frac{1}{2}$ of the journey time reading ,how many hours did he read?
4. How many hours did he sleep?

VIII .Colour the circle according to the information given .

Time spent on Saturday.(24 hours)

- . 8 hours_ sleeping (red)
- . 3 hours_ watching TV (green)
- .3 hours_ playing (yellow)
- . 6 hours_ visiting friends and shopping with parents. (orange)
- . 4 hours_ reading. (blue)

