



PON VIDYASHRAM GROUP OF CBSE SCHOOLS
ANNUAL EXAMINATION (2017-18)
MATHS WORKSHEET

STD: IV

FRACTIONS

1. Fill in the blanks:

(a) $\frac{1}{2}$ of 18 is (ii) $\frac{1}{5}$ of 40 is

2. Simplify $\frac{32}{20}$ to its lowest term.

3. Subtract: $\frac{7}{12} - \frac{5}{12}$.

4. Anshu read 10 pages on Monday and 4 pages on Tuesday. If there are 21 pages in the book, then on which day did he read more and by what fraction ?

5. Nikhil travels $\frac{3}{11}$ of the distance to his office by bus and $\frac{5}{11}$ of the distance by train. How much distance does he cover by these two modes of transportation ?

6. Convert into improper fractions: (a) $3\frac{1}{3}$ (b) $7\frac{2}{9}$

7. Convert the following into mixed fractions: (a) $\frac{17}{9}$ (b) $\frac{32}{5}$ (c) $\frac{25}{4}$

8. Asha drank $\frac{1}{5}$, Usha drank $\frac{1}{5}$ and Nisha drank $\frac{2}{5}$ of a juice from a tetra pack. How much juice did they drink altogether ?

MULTIPLES

1. Find the first 5 multiples of the following numbers and circle the common multiples if any:

(i) 5 and 4 (b) 3 and 9

2. Write all the numbers between 300 to 350 that are divisible by 5.

3. A piece of cardboard measures 140 cm. It has to be divided into 35 equal pieces without being left. See if it is possible.

4. Find the numbers between 83 and 91 that are divisible by 2.

DECIMALS

1. A decimal number has two parts, namely _____ and _____.

2. Convert $\frac{110}{1000}$ into a decimal number.

3. Write the number:

(a) $4 \times 10 + 2 \times 1 + \frac{5}{10} + \frac{8}{100}$

(b) $\frac{1}{10} + \frac{8}{100}$

4. Write the decimals as fractions: (a) 0.005 (b) 3.75 (c) 2.8 (d) 4.004

REFLECTION, SYMMETRY AND PATTERNS

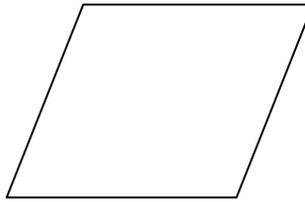
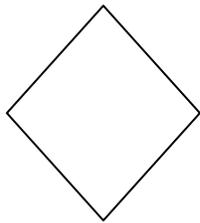
1. Continue the pattern:

(a) 120, 140, 160, 180, _____, _____, _____

(b) DE DEE DEEE D_____, _____, _____

(c) $4 + 5 + 6 + 7 + 8 + =$ _____

2. Draw the lines of symmetry in the following figures:



3. Draw the mirror image of the following figures:

D 1 E

MEASUREMENT

1. Rohan purchased 5 kg 250 g potatoes and 3 kg 500 g lady's fingers. Find the total weight of the vegetables purchased by Rohan.

2. The length of a ladder is 41 m 53 cm. Find the length of the ladder in centimeters.

3. Abishek bought 20 kg 567 g rice. After a few days, he found that 9 kg 625g of rice is left. How much rice has been used?

TIME

Fill in the blanks :

1. a. If today is Sunday, then the day before yesterday was -----

b. If tomorrow is Monday, then yesterday was -----

c. Naveen eats his breakfast at 7.45 ----- and eats dinner at 7.45 -----

2. A football match started at 8.35 a.m and got over by 11.45a.m. what was the total duration of the match ?

3. How many days are there between 5th june and 21st October? (5th june not included)

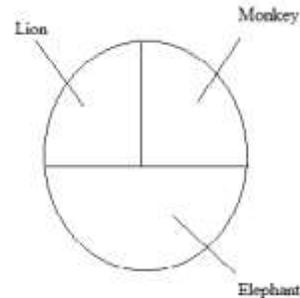
4. Rishikesh's exam started on 2nd march and the last exam was on 3rd april. What was the total duration of his exams?

DATA HANDLING

1. Nidhi has 12 course books, 6 self help books, 3 story books, and 3 comic books. Represent the data in pie chart.

2. The pie chart gives the data about the favourite animals of 100 children.

a. How many children like the Elephant?

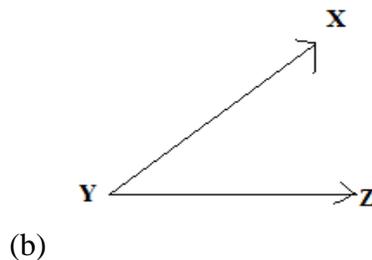
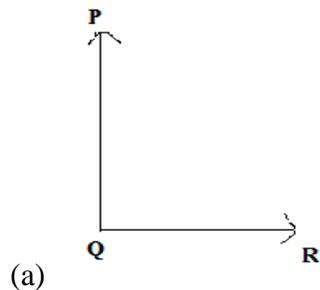


b. How many children like the monkey?

c. How many more children like the Elephant than the Lion?

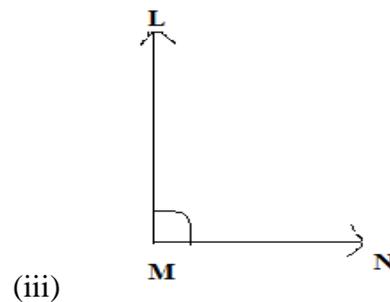
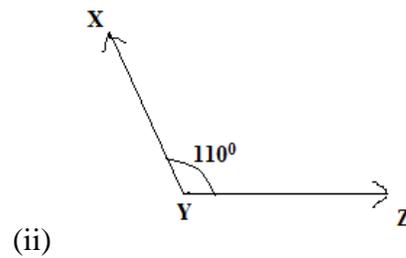
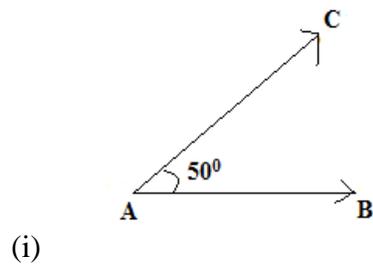
ANGLES

1. Name the following angles. Also name the vertex and arms of the following angles.



2. Draw an angle measuring: (a) 60° (b) 135°

3. Name the angles:



FACTORS

1. Write the factors of the given numbers: (a) 40 (b) 28 (c) 64

2. Check if 3 is a factor of 41.

3. Find if 52 is an even number or odd number.

4. Fill in the blanks:

(a) The largest factor of any number is the _____ itself.

(b) The smallest multiple of 5 is _____.

(c) The number of even numbers between 1 and 100 is _____.

(d) The number of odd numbers between 1 and 100 is _____.

(e) The smallest and largest factors of 56 are _____ and _____.
