BRAIN INTERNATIONAL SCHOOL

SESSION 2024-25

CLASS: VI **TERM 1 REVISION SHEET** **SUBJECT: MATHS**

Chapter: KNOWING OUR NUMBERS

Q1. Find the smallest and the largest 4 – digit number by using the digits 2,4,0,6 without repeating the digits.

Q2. What is the successor of greatest 6-digit number?

Q3. The difference of the smallest three digit number and the largest two digit number is

a) 100 b) 1 c) 10 d) 99

Q4. How many whole numbers are there between 12 and 21?

Q5. Fill in the blanks:

1 Million= _____ hundred thousand

Q6. A student multiplied 3759 by 231 instead of multiplying by 213. How much was his product greater than the correct product?

Q7. To stitch a pant 1 m 15 cm cloth is needed. Out of 36 m cloth, how many pants can be stitched and how much cloth will remain?

Case – Study based Questions.

Q8. On World Environment Day i.e. 5^{th} June, each student was either asked to plant a tree or adopt a tree in the neighborhood. The following is the record of the tress planted: Neem trees 2150 ; Ashoka trees 1750 ; Mango trees 3225 ; Eucalyptus trees 1255 ; and 3450 students adopted a tree in their neighborhood.

On the basis of the given information , answer the following questions:

a) Write the number of total trees planted in Indian place value system. (1)

b) What is the difference between the two place values of digit 8 in the total number of trees planted? (1)

c) How many more trees were planted than adopted by the children? (2)

Chapter: WHOLE NUMBERS

Q1. Represent the following on number line:

a) Successor of 9 b) Predecessor of 8

Q2. Subtract 6 from 10 using the number line.

Q3. How many whole numbers are there between 1156 and 1206?

Q4. The predecessor of 3010 is

a) 3101 b) 3001 c) 3009 d) 3011

Q5. The difference between the successor and predecessor of 1,32,651 is

a) 1 b) 2 c) 3 d) 0

Q6. Write three consecutive whole numbers just preceding 751001.

Chapter : PLAYING WITH NUMBERS

Q1. Which of the following numbers is divisible by 3?

(a) 1212 (b) 625 (c) 235 (d)634

Q2. Write pairs of twin prime numbers less than 20.

Q3. Find the first 5 even multiples of 8.

Q4. Find the greatest number which divides 82 and 132 leaving 1 and 6, respectively as remainders.

Q 5 In a seminar, the number of participants in Mathematics, Physics and Chemistry are 60, 96 and 144 respectively. Find the number of rooms required if in each room, the same number of participants are to be seated and all of them are to be in the same subject.

Q-6 **DIRECTION** : In the following question, a statement of **Assertion (A**) is followed by a statement of **Reason (R)** . Choose the correct option.

a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
c) Assertion is true but Reason is false.
d) Assertion is false but Reason is true.

Assertion (A): 24 is divisible by 6.

Reason(R) : Numbers which are divisible by 2 and 3 , are divisible by 6 also.

Chapter: BASIC GEOMETRICAL IDEAS

Q1. A simple closed figure made up entirely of line segments is called a

a) Polygon b) Curve c) Ray d) Circle

Q2. The number of sides in a pentagon are

a) 6 b) 5 c) 3 d) 4

Q3. Do as directed:

a) An angle PQR with point S in its interior and point T in its exterior.

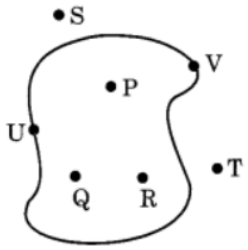
b) An open curve made up of line segments only.

Q4. In the given figure, identify the points which are:

(a) in the interior

(b) in the exterior

(c) on the closed curve in the given figure



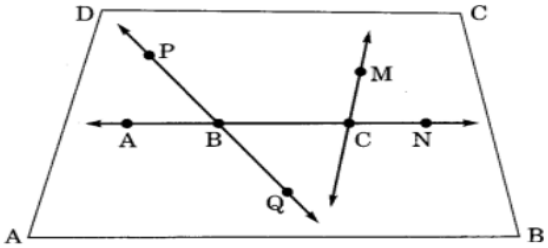
Q5. Using the given figure, name the following:

(a) Line containing point M.

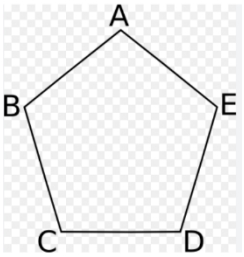
(b) Line passing through four points.

(c) Line passing through three points.

(d) Two pairs of intersecting lines.



Q6. Name the angles in the given figure:



Q7. **DIRECTION** : In the following question, a statement of **Assertion (A**) is followed by a statement of **Reason (R)** . Choose the correct option.

a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.

b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.

c) Assertion is true but Reason is false.

d) Assertion is false but Reason is true.

Assertion (A): A ray can be extended endlessly in one direction.

Reason(R) : The following figure denotes $\overleftrightarrow{AB}$

Chapter : FRACTIONS

Q-1 Represent $\frac{2}{8}$ on a number line.

Q-2 $\frac{35}{9}$ can be written _____in mixed fraction.

a) $3\frac{4}{9}$ b)$1\frac{5}{9}$ c)$3\frac{8}{9}$ d) $2\frac{6}{9}$

Q-3 Write all the natural numbers from 1 to 15. What fraction of them are prime numbers?

Q-4 Find the sum of

$\frac{3}{4}$ and $\frac{2}{5}$

Q-5 Compare the following fractions:

(a) $\frac{4}{5}$ and $\frac{5}{6}$

Q-6 Observe the following fractions :

$3\frac{3}{5}, 2\frac{4}{7}, \frac{19}{6}, \frac{18}{8}$

a) Write the Greatest and the Smallest Fractions.
b) Find the difference of the Greatest and the Smallest fraction.

Q-7 Swara painted 23 of the wall space in her room. Her brother Rahul helped and painted 15 of the wall space.

a) How much did they paint together?
b) What part of the whole space is left unpainted?

Chapter : DECIMALS

Q1. Express in kilometres using decimals:

a) 56m b) 5km 24m

Q2. Express in rupees using decimals:

a) 9 paise b) ₹26 and 75 paise

Q3. Which is greater:

a) 5.63 or 5.604 b) 4.4 or 4.400

Q4. Find the sum:

a) 0.29 + 0.36 b) 0.7 + 0.008 + 2

Q5. Subtract:

a) 5.25 from 8.28 b) 2.314 kg from 5.204 kg

Q6. Find the value of: 76.3 – 7.666 + 6.77

Q7. The weight of a cylinder filled with gas is 30kg. If the weight of empty cylinder is 14 kg 80 g, find the weight of the gas contained in it.

Q8. Ramu bought 2m 70cm cloth for his trouser and 1m 60cm cloth for his shirt. Find the total length of cloth bought by him.