SURAJ BHAN D.A.V. PUBLIC SCHOOL , VASANT VIHAR

REVISION WORKSHEET (CLASS :- VI)

Natural numbers and Whole numbers

Q-1 Convert 59 into Roman Numeral.

Q-2 Write Prime factorisation of 140.

Q-3 Write all possible factors of 36.

Q-4 Find the largest 5-digit number which is exactly divisible by 40.

Q-5 Estimate 618 + 561 + 312

Q-6 Simplify :- (a) 36 – [12 + (3 × 10 ÷ 10)]   (b) 3 – (5–6 ÷3)

Q-7 The HCF and LCM of two numbers are 5 and 325 . If one number is 25. Find the other number.

Q-8 Find the product by using distributive property .   231 × 102

Q-9 Find the HCF of 180 , 252 and 324 by continued division method.

Q-10 Find the LCM by common division method :-   12 , 16 , 18 , 32

Q-11 Four bells toll at intervals of 8 , 9 , 12 and 15 minutes respectively . If they toll together at 3 p.m. , when will they toll together next ?

Q-12 Find the smallest number which when divided by 25 , 40 and 60 leaves remainder 7 in each case.

Basic Geometrical Concepts , Line Segments , Angles

Q-1 Draw the point P . How many lines can you draw passing through it ? Show also.

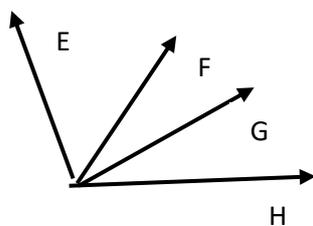Q-2 Write supplement of 80 º.

Q-3 Write the complement of 67 º.

Q-4 How many right angles does hour hand of a clock move when it goes from 12 to 3 ?

Q-5 Construct a line segment of length 4.6 cm .

Q-6 From a line segment PQ = 6.4 cm , cut a line segment QR of length 2.2 cm . Measure the length of remaining line segment.

Q-7 How many degrees are there in   (a) $\frac{2}{15}$ complete angle   (b) $\frac{5}{6}$ straight angle

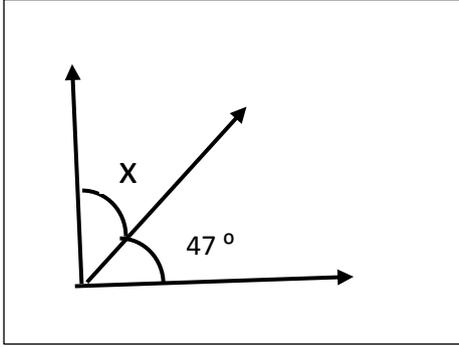Q-8 Write down three pairs of adjacent angles

Q-9 If AB =4.8 cm and CD = 2.5 cm then construct the following line-segments using ruler and compass.

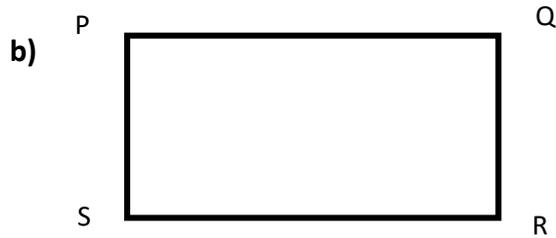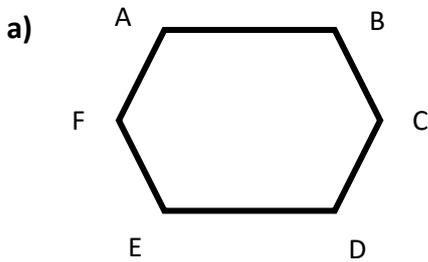   (a) 2 AB   (b) AB – CD   (c) 2 CD   (d) AB + CD

Q-10 Four points A , B , C , D lie on the same line ℓ . What are these points called ?

Q-11 Find the measure of $\angle x$ in the given figures. Give reason also.

Transversal and Pairs of lines , Statistics

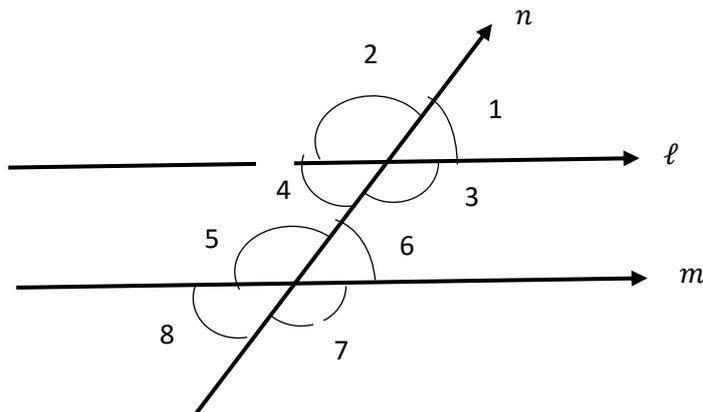**Q-1 Identify parallel line segments in the given figures.**

a)

b)

Q-2 Shoe sizes of 20 students in a class are as follows :-

5 , 6 , 5 , 7 , 8 , 4 , 7 , 5 , 8 , 4 , 5 , 4 , 7 , 8 , 6 , 4 , 5 , 5 , 8 , 5

a) Arrange the data in the table using tally marks .
b) Which size of shoe is worn by maximum number of students ?

Q-3 Look at the figure and name the following :-

a) All the interior angles
b) All the exterior angles
c) Alternate interior angles
d) Angle corresponding to $\angle 1$.
e) Angle corresponding to $\angle 4$
f) Alternate to $\angle 1$ and $\angle 2$.

Q- 4 Give three examples of parallel lines.