WORKSHEET-2

GRADE:6

SUBJECT:Mathematics

A. Choose the correct option:

1. 17 and 19 are……

 a) co primes   b) twin primes   c) both a and b   d) none of these

2. Any 3 factors of 36 are…..

 a) 3,12,18   b) 1,5,36   c)13,15,2   d) 21,23,12

3. Railway track is an Example of ……………lines

 a)parallel   b)perpendicular   c) intersecting   d) None of these

 4. PQ is a line segment with a length of 20 units. R is a point on PQ such that PR is ¾ of PQ. Find the measures of PR and RQ.

 a) 14 units and 4 units

 b) 15 units and 5 units

 c) 14 units and 6 units

 d) 13 units and 7 units

5. If a line can be drawn through a set of points, then the points are called _____ points.

 a) collinear   b) non-congruent   c) non-collinear   d) congruent

B. Answer the following questions:

6. Choose if True or False.

     A.The LCM of 9 and 12 is 36. 2

     B.50 is the lowest common multiple of 50 and 200.

     C.The LCM of two numbers is their largest common multiple.

     D.5 is the LCM of 25 and 80.

7 Find the H.C.F of the numbers:

     A. 30, 42

     B. 70, 105, 175

     C. 12, 45, 75.
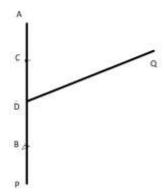
8.What is the H.C.F. of two consecutive :

     A. numbers?

     B. even numbers?

     C. odd numbers?

9. Find the LCM of 160, 170 and 90

10. Three bells rings at intervals of 36 seconds, 40 seconds and 48 seconds respectively. After how many minutes the bells will ring together?

11. Abhi has 90 red roses, 132 carnations, and 54 lilies. She wants to make bouquets using the same combination of all three flowers. What is the largest number of bouquets that she can make, using all the flowers? How many flowers of each type can she use in one bouquet?

12. Draw 4 intersecting line segments that meet at point O such that two of them are perpendicular.

13. Draw as instructed.

    A. Draw points C and D such that they lie on line AB.

    B.Draw a ray PM.

    C.Draw a line segment NQ such that P lies on NQ.

14. Look at the figure. Choose if True or False.

    A. C and B are the end points of the line segment CD.

    B. For DQ, D is the end point.

    C. Line segment DC is the same as CD. C, D, and Q are non-collinear points.