

**WORK SHEET  
SECOND TERM  
SUBJECT- MATHEMATICS**

**Chapter – 6 & 8 (Be My Multiple, I'll be your factor & Mapping your way)  
CLASS- V**

Q. 1 Do as directed

I. Fill in the blanks-

1. The smallest common multiple of 3 & 5 is \_\_\_\_\_.
2. \_\_\_\_\_ is a factor of every number.
3. The first four multiples of 6 are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
4. Factors are also \_\_\_\_\_ of a number.
5. Rajasthan is to the \_\_\_\_\_ of Tripura.

II. Choose the correct answer.

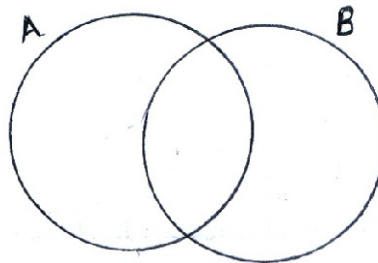
1. Numbers which are multiple of 2 are called \_\_\_\_\_ numbers.  
a) Even                  b) Composite                  c) Odd                  d) Prime
2. The actual distance between Boirdadar and Chakradharnagar is 4 km but in map it is 2 cm. What would be the scale.  
a) 1 km on the ground = 1 cm on map.  
b) 1 km on the ground =  $\frac{1}{2}$  cm on map.  
c) 1 km on the ground = 2 cm on map.  
d) 1 km on the map =  $\frac{1}{2}$  cm on the ground.

III. State True or False.

1. 15 is the multiple of 30
2. 1, 2, 3, 4, 6, 12 are factors of 12.
3. Biggest common multiple of 4, 6 and 5 is 60

Q. 2 Find the HCF of 16, 44 and 84 by listing the factors.

Q.3 Write the factors of 28 in circle A and the factors of 32 in circle B. Write their common factors in the common part of both. Which is the biggest common factor of 28 & 32?



Q.4 Find the LCM of 8, 24, & 36.

Q.5 Write the first 6 multiples of 12.

Q.6 Circle the numbers which have 60 as multiple – 28, 15, 5, 10, 2, 3, 22, 12, 16

Q.7. 9 is the factor of which of these numbers 27, 22, 81, 18, 46, 65, 54, 72, 45

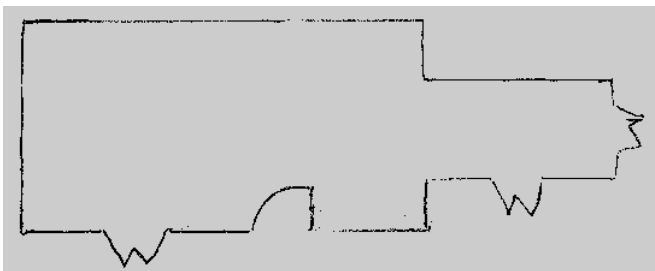
Q.8 Find the factors of 20 by arranging 20 seeds in the form of different rectangles (rows & columns)

Q.9 Write any 6 multiples of 8

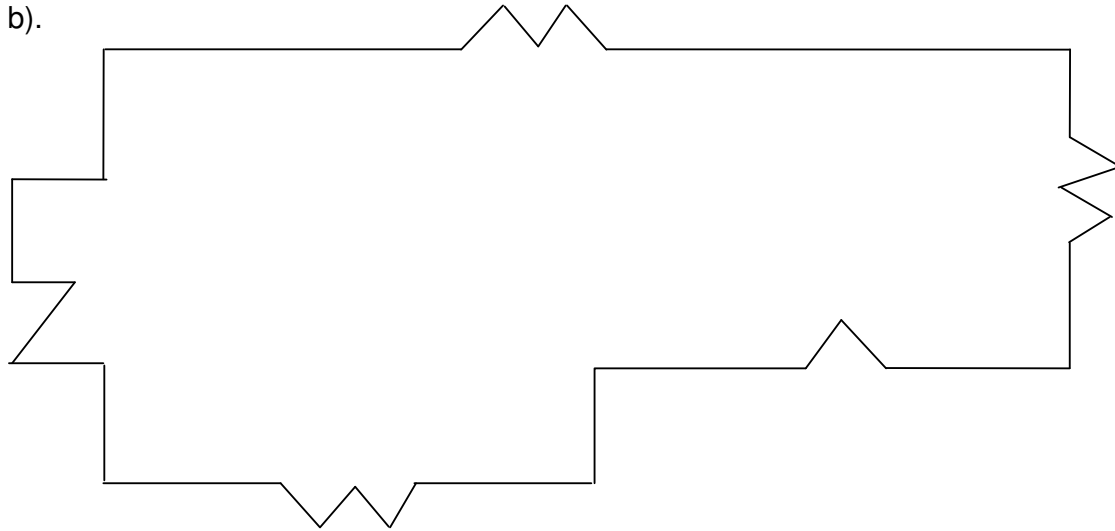
Q.10 Write all the factors of 15, 48, 120, 75

- Q.11 If it is written at the bottom of a map, scale 1 cm=200m. The distance between patrapali and Gorkha is found to be 5 cm on the map. Then what is the actual distance between them.
- Q.12 Two wires 15 cm and 25 cm in length are to be cut into smaller pieces of equal length. What can be the maximum length of each small wire?
- Q.13 Three bells rings at interval of 10, 12 and 15 minutes. They rang together at 12 Noon, when will they next ring together?
- Q.14 Sunita took some seeds. She made groups of five with them and found one seed was left over. She tried making groups of 6 and groups of 4. Each time one seed was left over. What is the smallest number of seeds that Sunita had?
- Q.15 Write the multiple of 4, 5 and 6 in their respective circles. The common multiples of any two or three numbers has to be written in the intersection part of their circles. Then find out the smallest common multiple of 4,6 and 5
- Q.16 Draw a floor map of your class room and mark your bench in the class room.
- Q.17 Find three common multiples of 2, 3 & 4. What is the LCM of these?
- Q.18 Draw factor tree for the following numbers.  
a)24      b)72      c)96      d)120      e) 40
- Q.19 List all the factors of 16 and 54. What is the common factor of 16 and 54. What is the highest common factor of 16 and 54.
- Q.20 Following the direction given below to mark the roads, land marks and places mention below on the 1 cm grid to make your own map. The scale of the map is 1cm =10 km.
- Pedapur is 30 km north of Panipur.
  - 50 km to the east of Pedapur is Mithapur.
  - 10 km south of Mithapur is the Airport
  - $45^\circ$  east of Panipur about 20 km away in Haldighat.
  - Midway between Pedapur and Mithapur is a wild life sanctuary called Sambalpur.
  - A railway line runs in a straight line between Panipur & Mithapur. What is its approximates length in km.
- Q.21 Draw the deep drawing for the given floor maps.

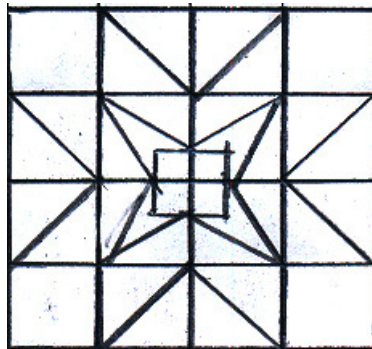
a)



b).



Q.22 Draw the following picture in  $\frac{1}{2}$  cm and 2 cm grid.



Q.23 Look at the map of India shown in your math magic book and answer the questions that follows.

- i) Largest state in term of area \_\_\_\_\_
- ii) The state which touches all the three oceans: Arabian sea, Indian ocean and Bay of Bengal \_\_\_\_\_.
- iii) The state which is surrounded by five other states. The five states which surround of are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- iv) Tamil Nadu and Kerala lie in the \_\_\_\_\_ of the country
- v) Rajasthan lies on the \_\_\_\_\_ of the country
- vi) Three state which share border with Nepal are \_\_\_\_\_.
- vii) The shortest route from Bangalore Karnataka to Kolkata West Bengal is through the states of \_\_\_\_\_ and \_\_\_\_\_.  
If 1 cm on the map shows 100 km on the ground, then find out the length of the route.
- viii) Gujarat lies to the \_\_\_\_\_ of M.P.
- ix) Punjab lies to the \_\_\_\_\_ of Rajasthan
- x) Odisha lies to the \_\_\_\_\_ of Jharkhand

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