Azaan International School

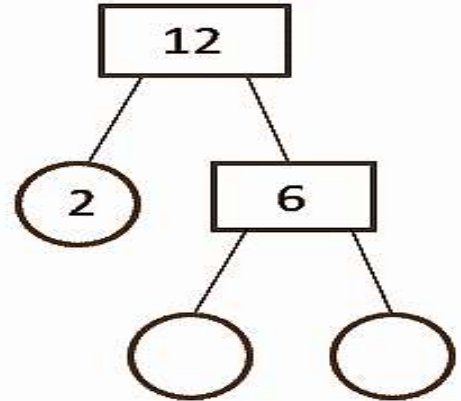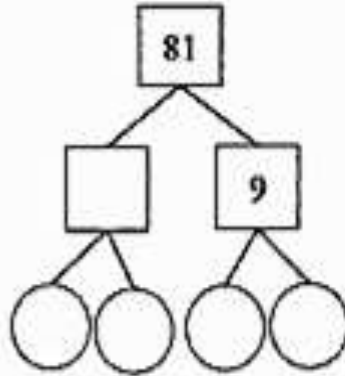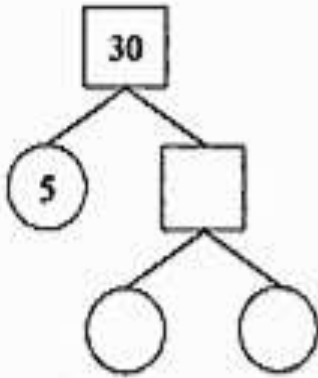**Grade: V**   *Worksheet*   **Subject: Maths**

Name: _____ Date: _____ Roll No: ____ Sec:_____

Chapter 4: Factors

Chapter – 5: Multiples

Q1 .Fill in the missing numbers in the factor trees shown below:

Q2. Complete the table by checking whether the given number is divisible by 2,3,4,5,6,9,10. Write ✓ if the number is divisible by the given number and X if it is not divisible.

Number	2	3	4	5	6	9	10
6732							
8940							

Q3. Find factors of the following numbers using prime factorization:

a.98	b.60	c.24

Q4. Check the divisibility by 4,5,6,11 and write the numbers in the corresponding bubbles.
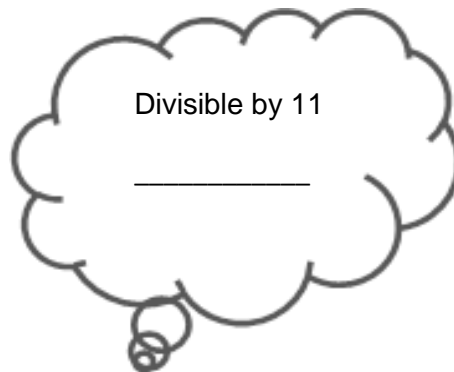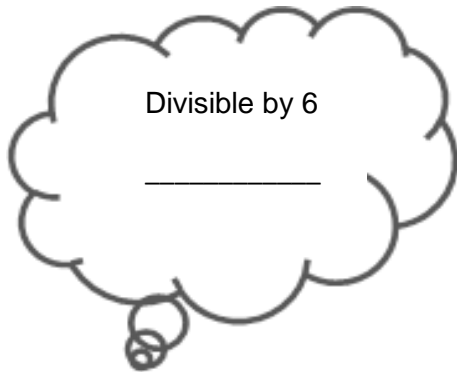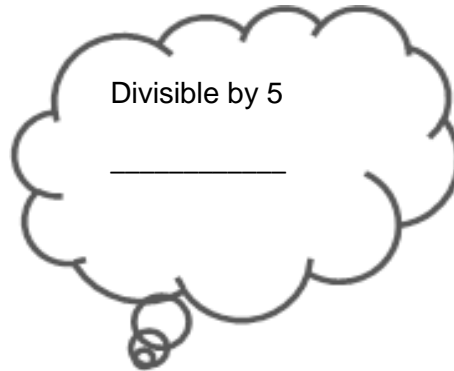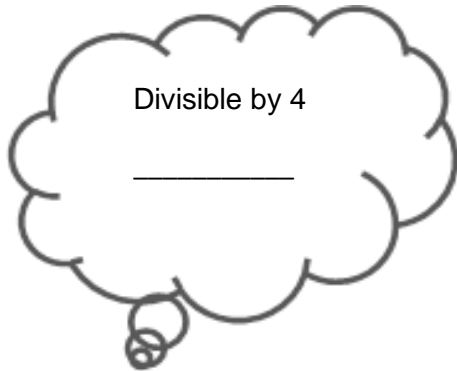
a. 2756   b. 4367   c. 5890   d. 5838   e. 4512   f. 9564

Divisible by 4

_____

Divisible by 5

_____

Divisible by 6

_____

Divisible by 11

_____

Q5. Draw the factor trees for the following numbers:

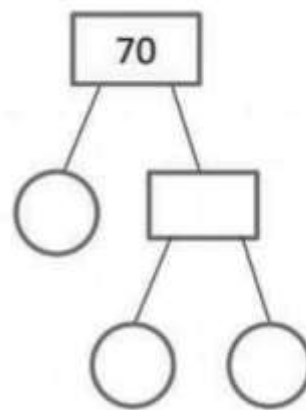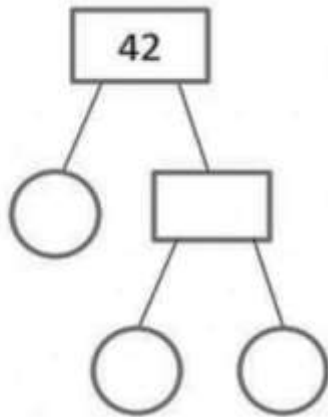| a.48	b.200

Q6. Find the HCF of the following numbers using prime factorization method:

a. 15,25	b. 36,45

Q7. Express the following numbers as product of their prime factors:

42

70

$42 = \_\_ \times \_\_ \times \_\_$

$70 = \_\_ \times \_\_ \times \_\_$

Q8. Use the number line to find the common multiples and lowest common multiple of 2 and 5

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
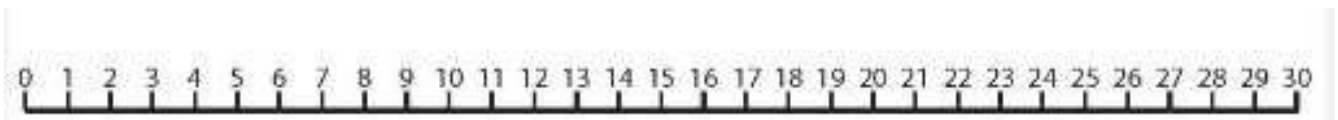
Q9. Find the LCM of the following numbers using prime factorization.

a) 6,8   b) 9,15   c) 20,40,75

Q10. A spider climbs 4cm of a wall at a time, while a baby spider climbs up only 3 cm at a time. If they start from the same point, at what distance will they meet again?

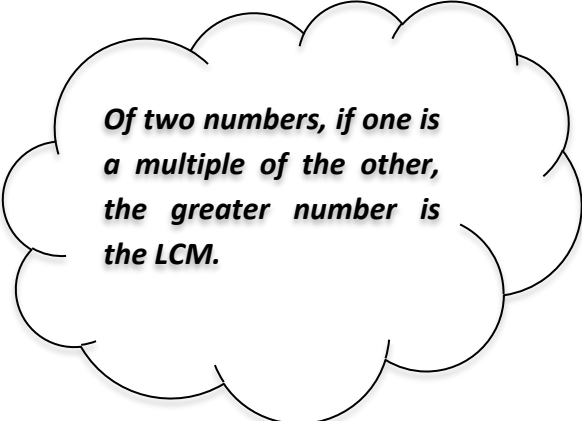**Q11. Find the LCM of the following pairs of numbers [Mental Maths]**

a. 2 and 18   b. 3 and 15

_____   _____

_____   _____

Of two numbers, if one is a multiple of the other, the greater number is the LCM.

c. 5 and 65   d. 6 and 54

_____   _____

_____   _____

Q12. Tick the correct answer:

Plates come in packs of 6. Spoons come in packs of 8. If you have to buy same number of spoons and plates for a picnic, what is the smallest number of each you should buy?

A. 64   **B.** 36   **C.** 24   **D.**48