

Name: _____

Grade: IV

Branch: _____

Date: 01/05/20

Subject: Mathematics Key

Topic: Multiples and Factors

I. Find the common factors of the following:

a) 56, 64 = The common factors of 56 and 64 are 8, 4, 2, 1

b) 15, 35 = The common factors of 15 and 35 are 5, 1

c) 30, 50 = The common factors of 30 and 50 are 10, 5, 2, 1

II. Find the first three common multiples of the following numbers:

a) 2, 10 = 10, 20 and 30

b) 6, 8 = 24, 48 and 72

c) 9, 3 = 9, 18 and 27

III. Choose the correct answer:

a) Identify a perfect number from the given numbers ?

- (i) 28 (ii) 26 (iii) 43 (iv) 16

b) Identify a pair of coprime numbers?

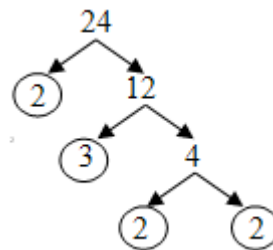
- (i) 2 and 3 (ii) 14 and 21 (iii) 7 and 14 (iv) 17 and 19

IV. Find the prime factors of the following numbers using division method and factor tree method

a) 24 **Division Method**

| | |
|---|----|
| 2 | 24 |
| 2 | 12 |
| 2 | 6 |
| 3 | 3 |
| | 1 |

Factor tree method



b)45 Division Method

$$\begin{array}{r} 3 \overline{)45} \\ 3 \overline{)15} \\ \underline{5} \end{array}$$

Factor tree method

