

**Answer The Following**

- 1) Find the Highest common factor (HCF) of following  
 A) 254, 288                      B) 150, 200                      C) 60, 42
- 2) What term is used to describe a number with the property that the sum of all factors of the number including 1 and the number itself is greater than twice the number?
- 3) The product of two numbers is 140. If their difference is 24, find the numbers.
- 4) Write all the factors of 120 .
- 5) The product of two numbers is 140. If their sum is 34, find the numbers.

**Fill in the blanks**

- 6) The product of any two numbers is equal to product of their        and        .
- 7) The largest four digit number which is divisible by 2, 3, 4, 5, 6 is        .
- 8) The smallest four digit number which is divisible by 2, 3, 4, 5, 6 is        .
- 9) The numbers which have more than 2 factors are called                      numbers.

**Choose correct answer(s) from given choice**

- 10) How many multiples can a number have?
- |       |              |
|-------|--------------|
| a. 10 | b. 1         |
| c. 0  | d. Countless |

**Answers**

- 1) A) 24                                      B) 50                                      C) 6
- 2) A abundant Number
- 3) 28, 5
- 4) 1, 2, 4, 8, 16, 32, 64, 120
- 5) 28, 5