

CHAPTER 4

Write these definitions

Defination of factor's: \rightarrow

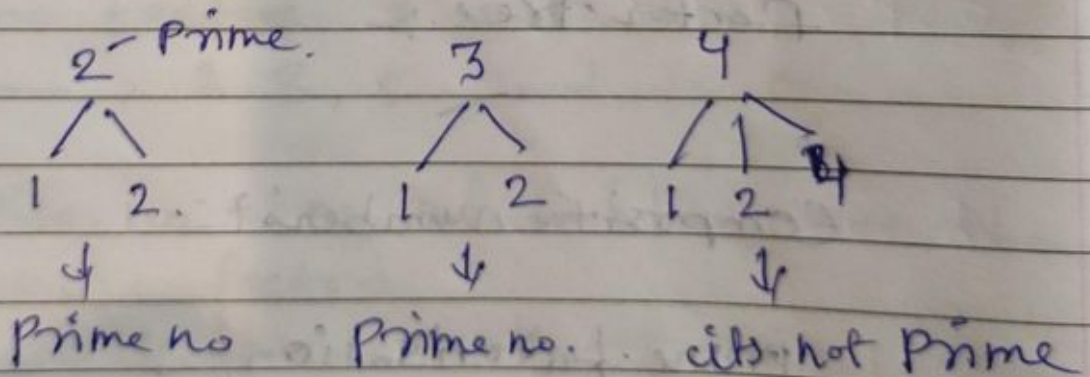
The numbers that are multiplied to find a product are called its factors. Factors are whole numbers that can be divided evenly into another number.

$4 \times 8 = 32$

$\downarrow \quad \downarrow \quad \downarrow$
Factors Product

prime numbers: \rightarrow

prime numbers is a natural number greater than 1, that is not a product of two smaller natural numbers.



Because its more than 2 natural number.

Composite numbers: \rightarrow have more than 2 factors.

CHAPTER-4.

- FACTORS :- Exercise - 4 A.

Marks Plus

DATE

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Ques: Circle the numbers :-

a) Divisible by 2 :- 11, 24, 38, 49, 160

these no are divisible by 2 :-

24, 38, 160.

$$\begin{array}{r} 12 \\ 2 \overline{) 24} \quad (*) \\ \underline{24} \\ 04 \\ \underline{4} \\ 00 \end{array}$$

$$\begin{array}{r} 19 \\ 2 \overline{) 38} \\ \underline{24} \\ 18 \\ \underline{18} \\ 00 \end{array}$$

$$\begin{array}{r} 80 \\ 2 \overline{) 160} \\ \underline{16} \\ 00 \end{array}$$

b) Divisible by 5 :- 51, 75, 37, 190, 300

Ans :- 75, 190, 300.

these are divisible by 5

c) Divisible by 10 :- 90, 63, 25, 200, 101

Ans: 90, 200

these are divisible by 10 :- 90, 200

d): Divisible by 3: \rightarrow 72, 63, 92, 60, 130

these are divisible by 3

72, 63, 60

e): Divisible by 9: \rightarrow 36, 45, 56, 118, 919

these are divisible by 9: -

36, 45

f): Divisible by 4: \rightarrow 56, 92, 104, 414, 700

These are divisible by 4: -

56, 92, 104, 700

g): Divisible by 6: \rightarrow 42, 32, 120, 28, 200

These are divisible by 6: \rightarrow 42, 120,

2: Complete the table. One has been done for you.

Number	Divisible by						
	2	3	4	5	6	9	10
12	✓	✓	✓	✗	✓	✗	✗
79	✗	✗	✗	✗	✗	✗	✗
98	✓	✗	✗	✗	✗	✗	✗
65	✗	✗	✗	✓	✗	✗	✗
60	✓	✓	✗	✓	✓	✗	✓
120	✓	✓	✓	✓	✓	✗	✓
313	✗	✗	✗	✗	✗	✗	✗
504	✓	✓	✓	✗	✓	✓	✗
600	✓	✓	✓	✓	✓	✗	✓