Sub :

Day

Date : / /

Time :

⑨ Find the composite factor 1240

1 x 1240
2 x 620
4 x 310
5 x 248
8 x 155
10 x 124
20 x 62
31 x 40

Total factor = 1, 2, 4, 5, 8, 10, 20, 31, 40, 62
124, 155, 248, 310, 620, 1240 = 16

composite factor = 4, 8, 10, 20, 40, 62, 124, 155,
248, 310, 620, 1240 = 12

Sub: Day Time: Date: / /

③ The prime factors of 1240

1 × 1240
2 × 620
4 × 310
5 × 248
8 × 155
10 × 124
20 × 62
31 × 40

All the today factors = 1, 2, 4, 5, 8, 10, 20, 31, 40, 62, 124, 155, 248, 310, 620, 1240

= 16

The prime factors is = 2, 5, 31

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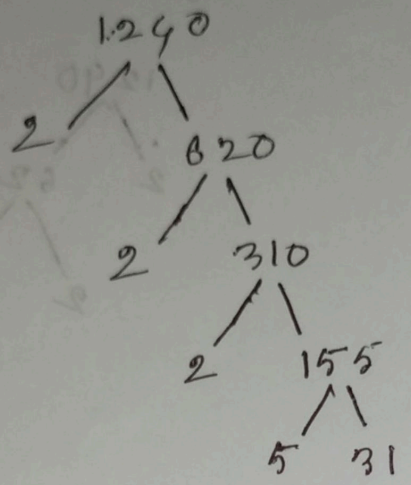
② All factors of 1240 using tree diagram.



The prime factorization is $1240 = 2^3 \cdot 5 \cdot 31$

the total number of factors of 1240 is

$= (l+1)(m+1)(n+1)$

$= (3+1)(1+1)(1+1)$

$= 4 \times 2 \times 2$

$= 16$

Sub :

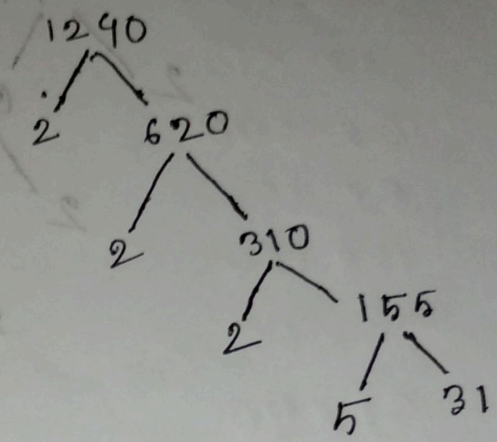
Day

Time : Date : / /

① Division method

```
2 | 1240
  | 620
2 | 310
  | 155
5 |
  | 31
```

Tree Diagram



Multiplication method

$$1240 = 2 \times 620$$
$$= 2 \times 2 \times 310$$
$$= 2 \times 2 \times 2 \times 155$$
$$= 2 \times 2 \times 2 \times 5 \times 31$$

The prime factorization is $1240 = 2^3 \cdot 5 \cdot 31$