Relationship: LCM AND HCF

1. Find the LCM if:

A. The product of two numbers =300, HCF =5.

B. The product of two numbers =294, HCF =7.

C. The product of two numbers =192, HCF =4.

D. The product of two numbers =600, HCF =10.

E. The product of two numbers =180, HCF =3.

2. Find the HCF if:

A. The product of two numbers =375, LCM =75.

B. The product of two numbers =240, LCM =60.

C. The product of two numbers =3456, LCM =144.

D. The product of two numbers =1792, LCM =224.
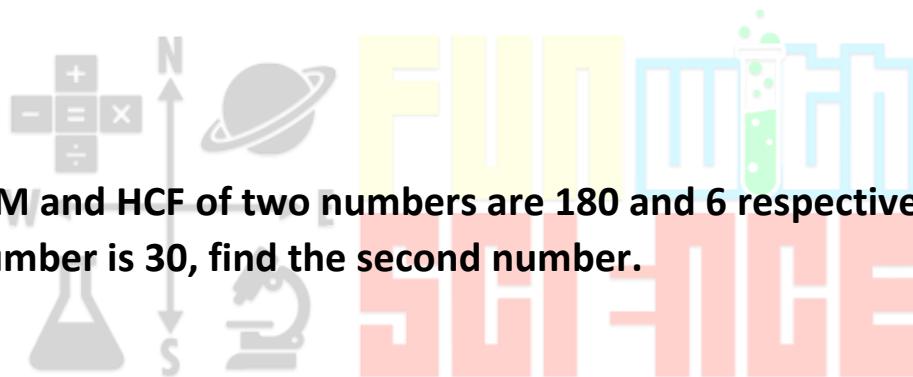
E. The product of two numbers =216, LCM =72.

3. The HCF and LCM of two numbers are 11 and 66 respectively. Find the product of the numbers.

4. The HCF and LCM of two numbers are 12 and 1080 respectively. If the first number is 120, find the second number.

5. The HCF of two numbers is 20. Their LCM is 120. If one of the numbers is 60, find the second number.

6. The HCF of two numbers is 145. Their LCM is 2175. If one of the numbers is 725, find the second number.

7. The product of 2 numbers is 3072 and their HCF is 16. Find their LCM.

8. The LCM and HCF of two numbers are 180 and 6 respectively. If the first number is 30, find the second number.

9. The HCF and LCM of two numbers are 4 and 252 respectively. Find the product of the numbers.

10. The HCF and LCM of two numbers are 12 and 72 respectively, the numbers are 24 and _____ ?

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