

BENFORD INTERNATIONAL SCHOOL
Year 7 Mathematics Home work (3rd November, 2021)

Name: _____

Instructions: Always arrange your factor from the lowest to the largest (ascending order)

1. If $7 \times 7 \times 7$ in index form is written in this format: a^n , then $a = \underline{\hspace{1cm}}$ and $n = \underline{\hspace{1cm}}$

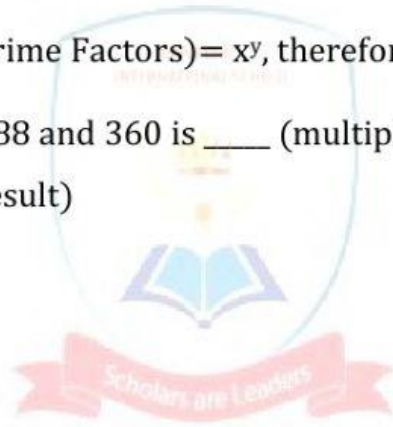
2. The prime factors of 225 are $\underline{\hspace{1cm}}^2 \times \underline{\hspace{1cm}}^2$

3. The prime factor of 360 in non-index form is: $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$

4. What is the prime factor of the HCF of 24 and 40?

HCF of 24 and 40 (prime Factors) = x^y , therefore $x = \underline{\hspace{1cm}}$ and $y = \underline{\hspace{1cm}}$

5. The HCF of 216, 288 and 360 is $\underline{\hspace{1cm}}$ (multiply the prime factors of the HCF and write the result)



Designed by Gidex