

CLASS IV SUBJECT- MATHEMATICS

TERM 2 (2020 - 2021)

TOPIC- MULTIPLES AND FACTORS

NAME - CLASS IV/ SEC DATE -14 /12/2020 -18/12/2020

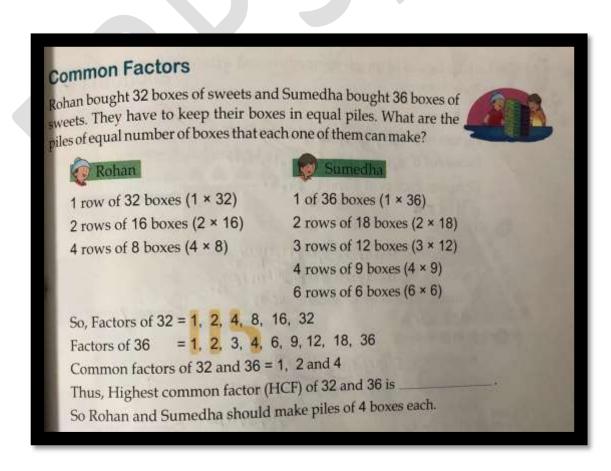
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Learning outcomes:

Each child will be able to:

- Apply the concept of factors to find the common factors of the given numbers.
- > Develop the skill to find the common factors and the HCF of the given numbers.

COMMON FACTORS and HCF (HIGHEST COMMON FACTOR)

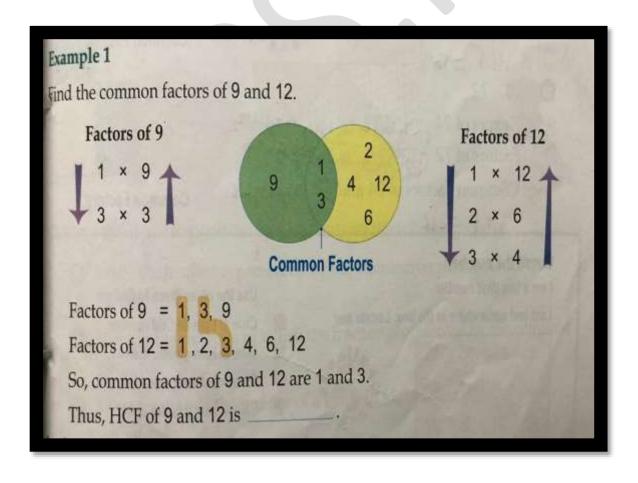


So, we have observed that HCF(Highest Common Factor) of some given numbers is the largest number that divides each one of them exactly.

Hence, HCF of 32 and 36 is 4.

(4 is the largest number that divides both 32 and 36 exactly.)

Let's observe one more way of finding and representing common factors:

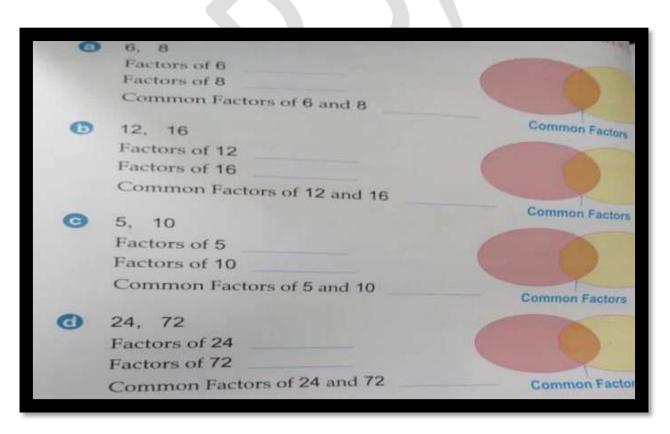


LET'S TRY:

Q1. Find all the common factors of the following numbers:

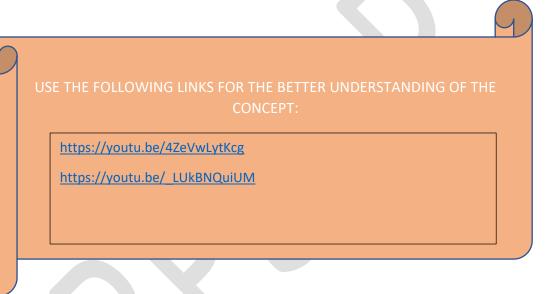
- a.3 and 6
- **b.4** and 6
- c. 2 and 12
- d.6 and 9

Q2. Find all the factors of the given numbers and write their common factors in the part shaded orange.



Q3. Find the HCF of the following numbers:

- a. 8 and 12
- b. 10 and 15
- c. 12 and 16
- d.16 and 23



Time To Put Your THINKING CAPS On !!

