



Do you know how to find
Highest Common Factor or HCF " ?

Go figure
it out
smartly !



Easy question

Medium question

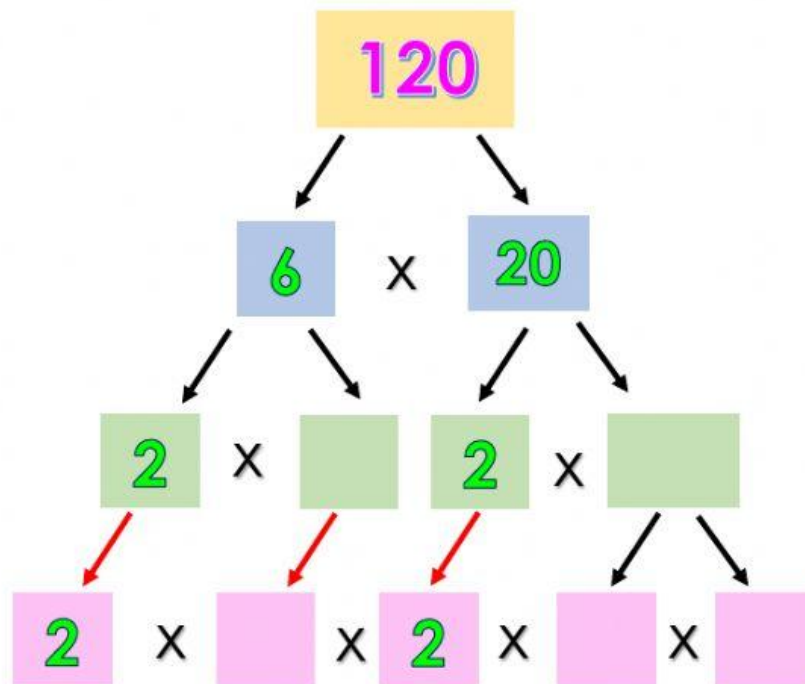
Challenging
question



1)

Question :

Express **120** as a product of Prime numbers.



So, $120 = 2 \times \boxed{} \times 2 \times \boxed{} \times \boxed{}$



2)

Question :What is the **Highest Common Factor (HCF)** of **8** and **12** ?**8****12**Use timetable 1 → **1 x 8**Use timetable 2 → **2 x 4**Use timetable 1 → **1 x 12**Use timetable 2 → **2 x 6**Use timetable 3 → **3 x 4**Factors of 8 = **①** , **②** , **④** , 8Factors of 12 = **①** , **②** , 3 , **④** , 6 , 12Common Factors of 8 and 12 = , , Highest Common Factors (HCF) of 8 and 12 =



3)

Question :What is the **Highest Common Factor (HCF)** of **24** and **36** ?**24**Use timetable 1 → **1 x 24**Use timetable 2 → **2 x 12**Use timetable 3 → **3 x 8**Use timetable 4 → **4 x 6****36**Use timetable 1 → **1 x 36**Use timetable 2 → **2 x 18**Use timetable 3 → **3 x 12**Use timetable 4 → **4 x 9**Use timetable 6 → **6 x 6**

Factors of 24 = ①, ②, ③, ④, ⑥, 8, ⑫, 24

Factors of 36 = ①, ②, ③, ④, ⑥, 9, ⑫, 18, 36

Common Factors of 24 and 36 =

Highest Common Factors (HCF) of 24 and 36 =

The End**Good
Luck**