

Mathematics

HCF and prime factors - downloadable resource.

Lesson 6 of 8.

Dr Rim Saada



Try this

- 1) Write 24 and 36 as a product of prime factors.
- 2) What factors do they have in common?

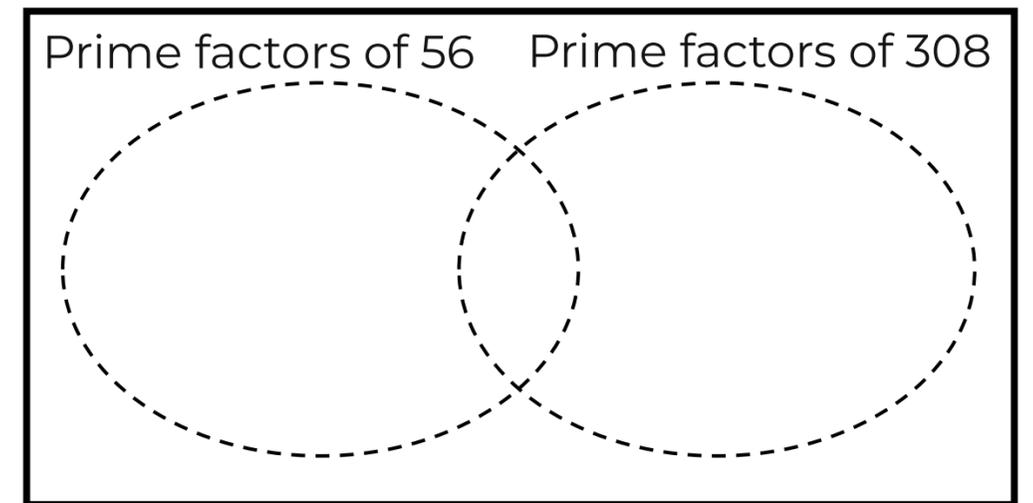
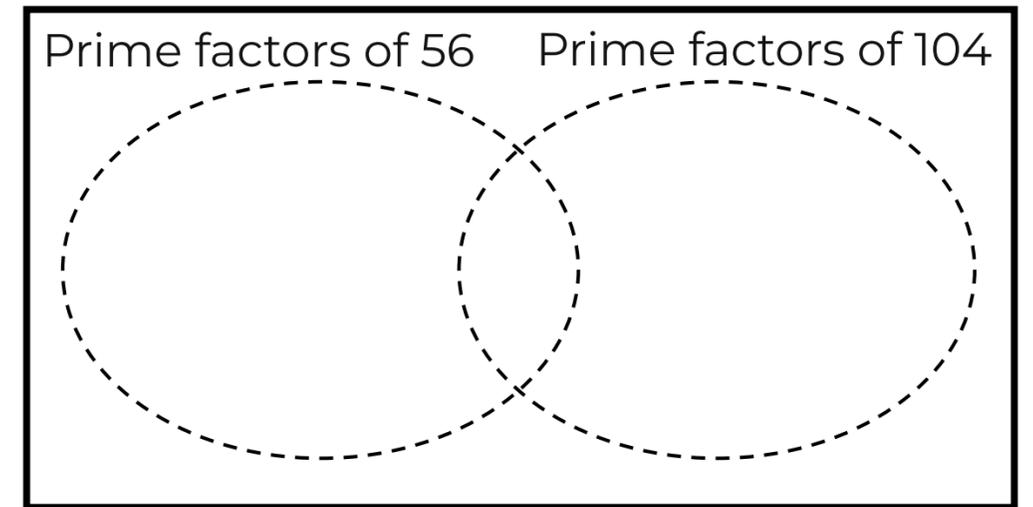
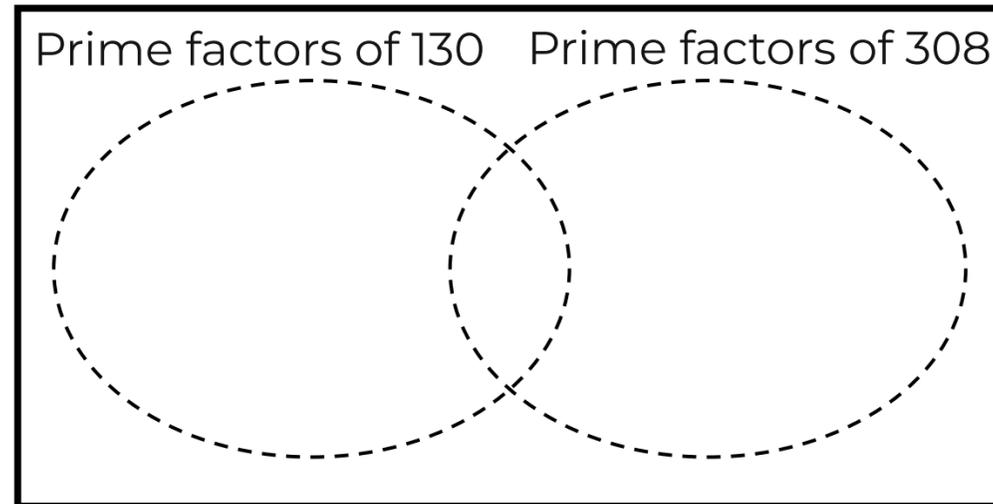
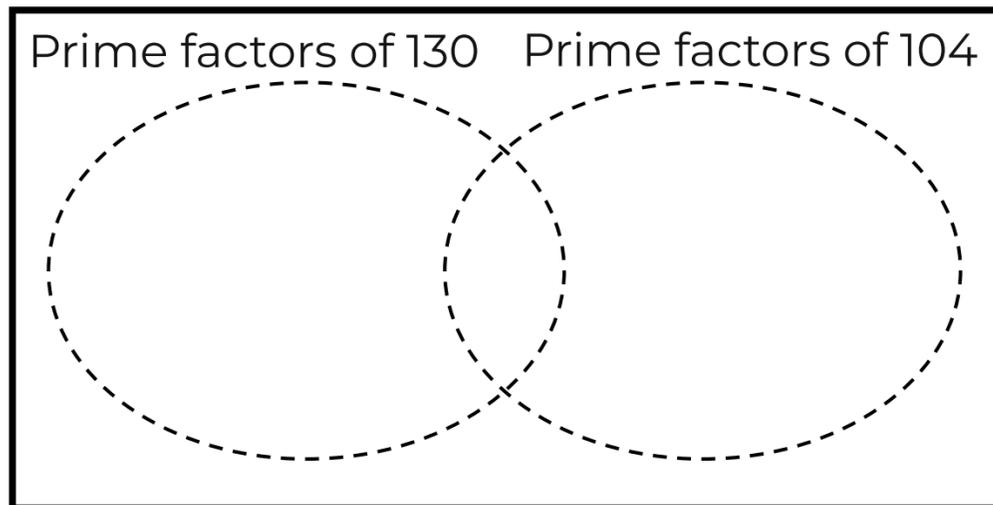


Independent task

1) Write each of the numbers as a product of primes:

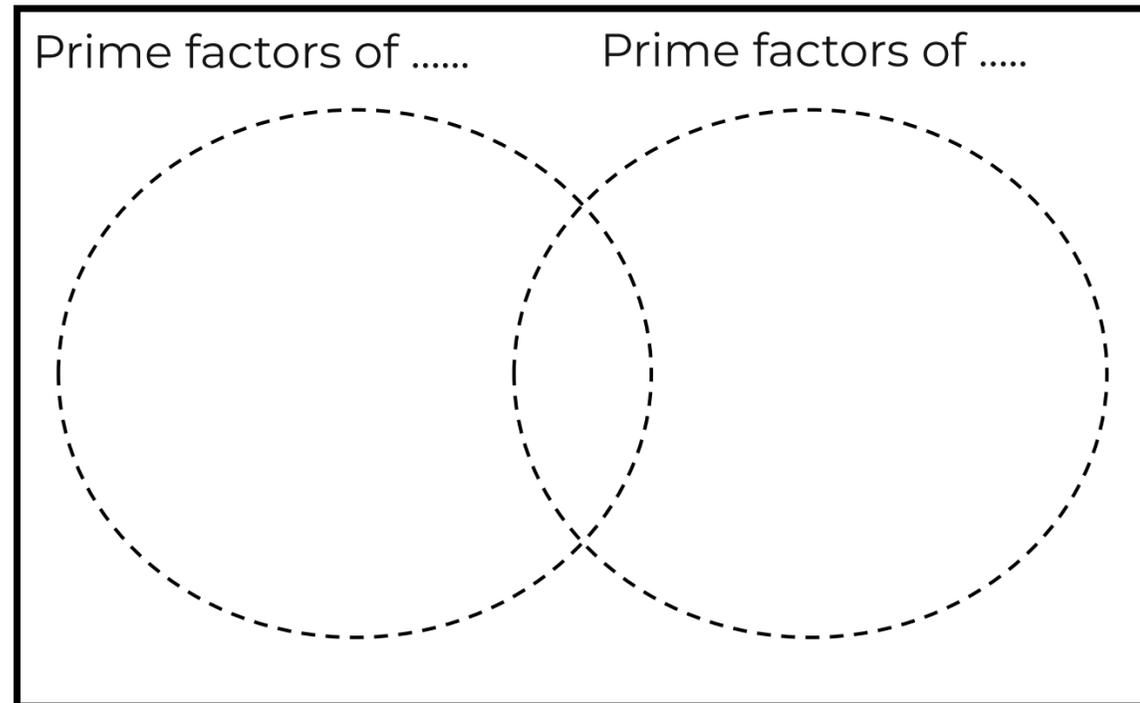
- a) 130 b) 104 c) 56 d) 308

2)) Complete the Venn diagrams and find the HCF in each case.



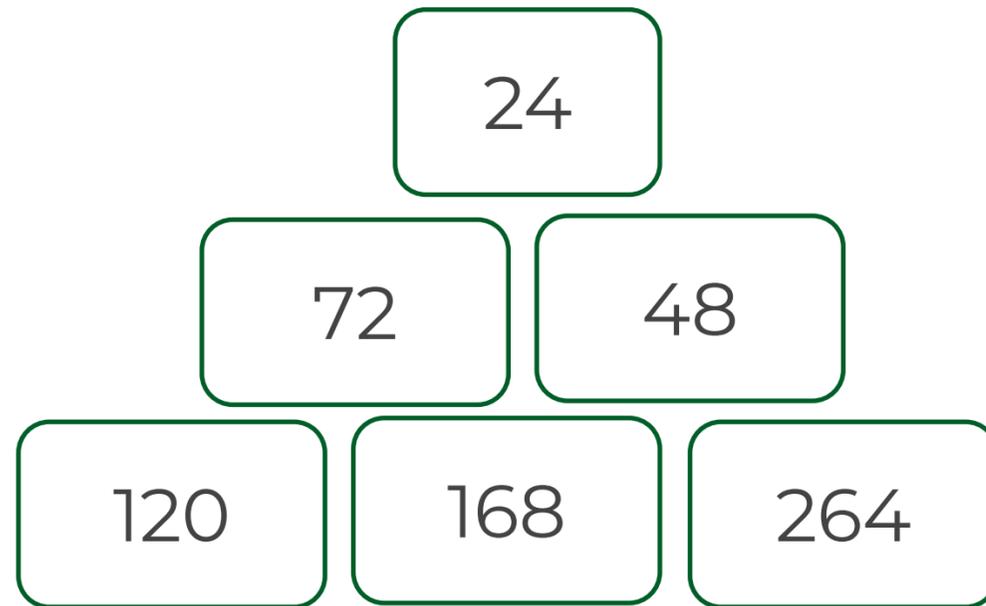
Independent task

3) Place the primes into the Venn diagram. Find the possible pairs of numbers and their highest common factors:



Explore

Select pairs of numbers and find their highest common factor:



What do you notice? Create a similar set of numbers.

