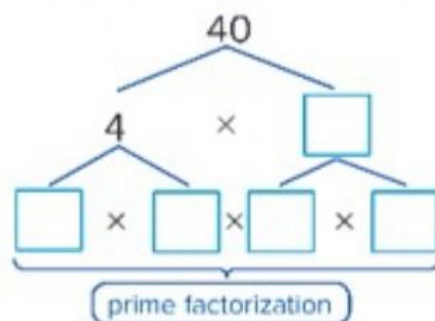
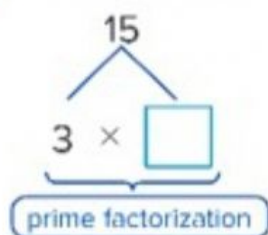


Starter Compare Decimals

Find the LCM of 15 and 40.

1

Write the prime factorization of each number.



2

Find the common prime factors.

$$15 = \underline{\quad} \times \underline{\quad}$$

$$40 = \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad}$$

The only common prime factor is .

3

Find the product of the prime factors using each common prime factor only once and any remaining factors.

The LCM is $\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad}$, or .

Test Practice

8. Faris is buying items for a graduation party. If he wants to have the same amount of each item, what is the least number of packages of cups he needs to buy?

- (A) 2 packages (C) 4 packages
(B) 3 packages (D) 5 packages

Party Supplies	
Item	Number in Each Package
Cups	6
Plates	8