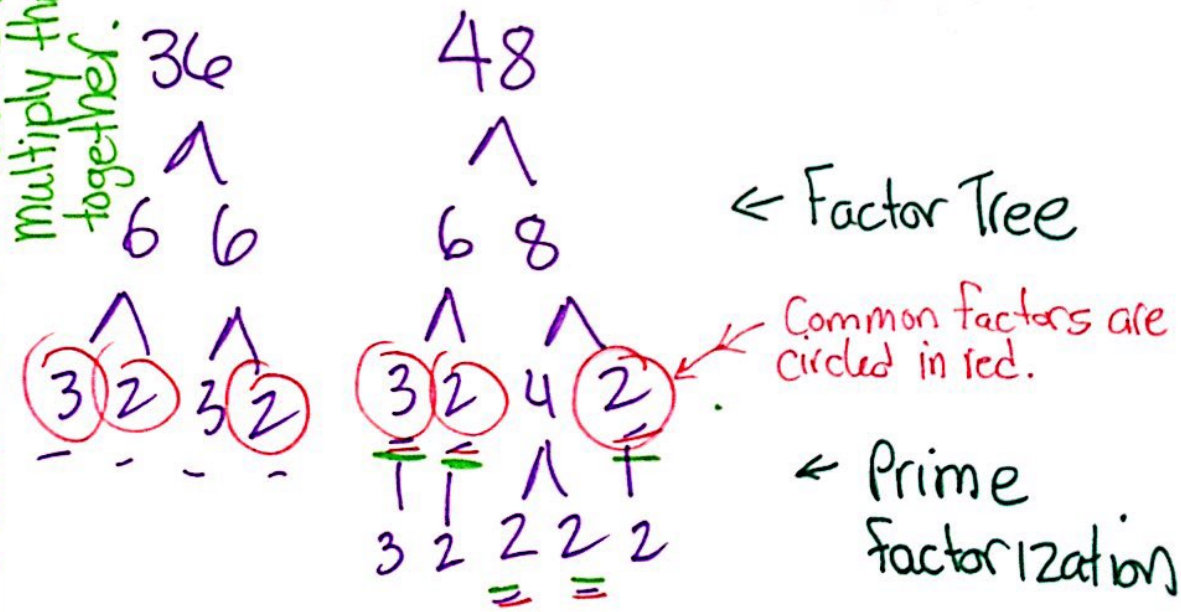
Greatest Common Factor of 36 and 48

Definition: Largest number that divides evenly into the given numbers.

12

Procedure
1. Make a factor tree to find the prime factorization.
2. Find all the common factors and multiply them together.



← Factor Tree

← Prime factorization

3 × 2 × 2 = 12 ← Greatest common factor.

↑ factors they have in common

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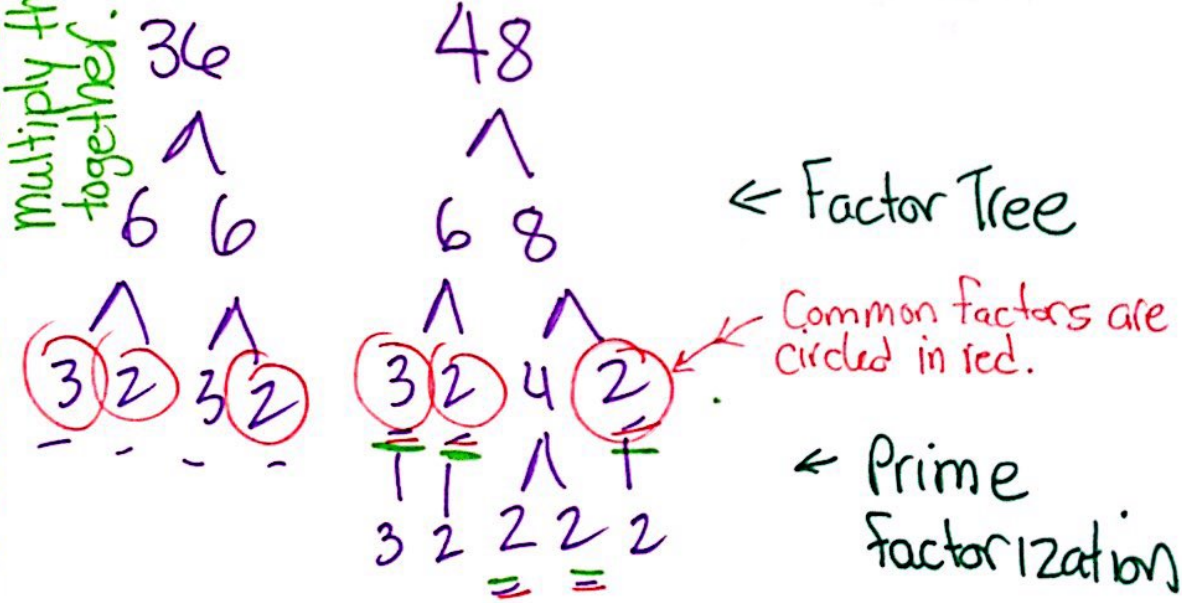

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