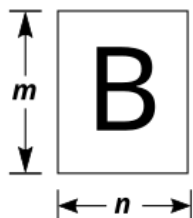



Proof Without Words: The Product of Two Positive Integers is the Product of Their GCF and LCM

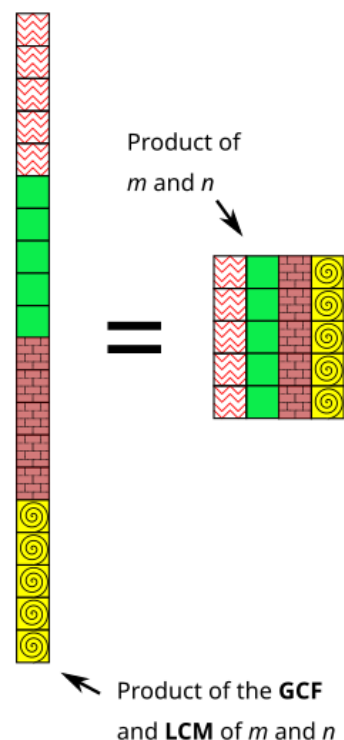
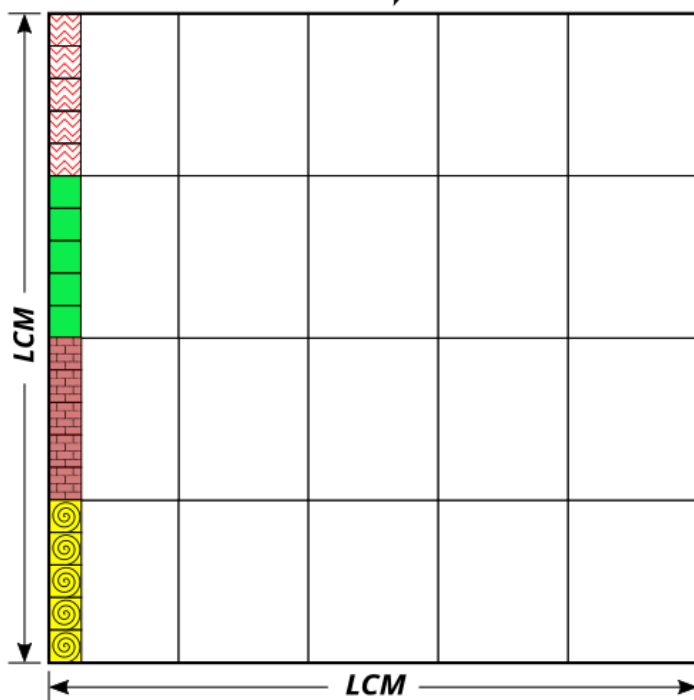
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 The largest square which tessellates rectangle **B** (Hence, its side length is the **GCF** of m and n).

The smallest square tessellated by rectangle **B** (Hence, its side length is the **LCM** of m and n).



References

Nelsen, Roger B. *Proofs without Words: Exercises in Visual Thinking*. Washington, D.C.: Mathematical Association of America, 1993.