



Two positive integers are co-prime if they have no common factor other than 1

So, by this definition, 15 and 8 are co-prime, but 15 and 9 are not.

There are 4 positive integers less than 12 and co-prime with 12. They are 1, 5, 7, and 11.

There are 8 positive integers less than 15 and co-prime with 15. They are 1, 2, 4, 7, 8, 11, 13 and 14.

Investigate.