

gcd_p_functionality_wrt_assoced^{2,24}

$\forall a, a', b, b', y, y': \mathbb{Z}. (a \sim a') \Rightarrow (b \sim b') \Rightarrow (y \sim y') \Rightarrow (\text{GCD}(a;b;y) \Leftrightarrow \text{GCD}(a';b';y'))$