

1. Let a and b be integers. What does the notation $[a, b]$ mean in NZM? How is this concept defined?

Answer: The symbol $[a, b]$ represents the least common multiple of a and b . It is the least positive number m such that $a|m$ and $b|m$.

2. Complete the definition: Given integers a and b and a positive integer m , we say that a is congruent to b modulo m if ...

Answer: ... m divides $a - b$.