

Predicted Remain Reasoning Length



This is a complex or challenging question , and it is difficult to provide a direct and correct answer . I need to think about it .

Well , so I need to find how many positive whole -number div isors 1 9 6 has . Hmm div isors ... I remember there 's a method using prime factor ization . Let me recall how that works . First , I should probably factor ize 1 9 6 into its prime components . Let 's start by seeing if it 's even . 1 9 6 divided by 2 is 9 8 , right ? Then 9 8 divided by 2 is 4 9 . Okay , so now I have two 2 s so far . What 's 4 9 ? That 's 7 times 7 , I think . Yeah , 7 squared is 4 9 . Let me check that : 7 7 = 4 9 , y ep , that 's right . So putting it all together , 1 9 6 should be 2 squared times 7 squared . Let me write that down to make sure I didn 't make a mistake . 2 * 2 * 7 * 7 = 4 * 4 9 = 1 9 6 . Perfect , that 's correct .

</think>