PROBLEM SET

1. To examine the truth of the statement (In GN) (In GN) (3mt = 12)

Consider the earnality being proposed— 3m+5h=12subtracting 3m from both sides, 5n=12-3m 5h=3(4-m)

This implies that 3(4-m) is divisible by 5.

So, 4-m should be divisible by 5 as

3 & 5 are prime and have no common factors

i.e (Jmnew) (4-m=5p) (7 pgn)

This is clearly not true for any most p being natural humbers as 4-m is always lesser than 5p.

This statement is false.

Note: 3(4)+5(0)=12 but
zero is not a natural number