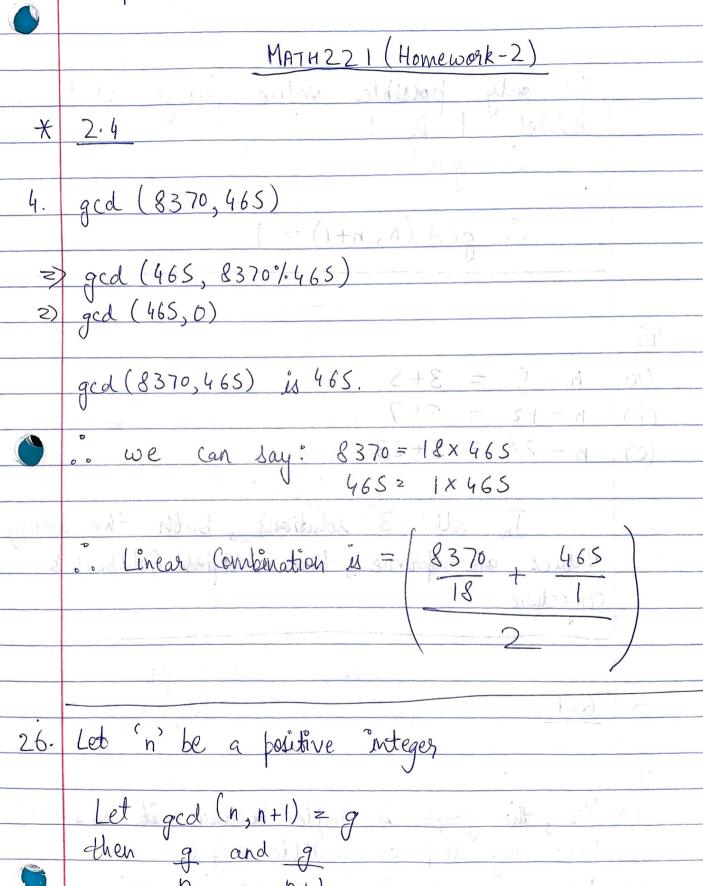
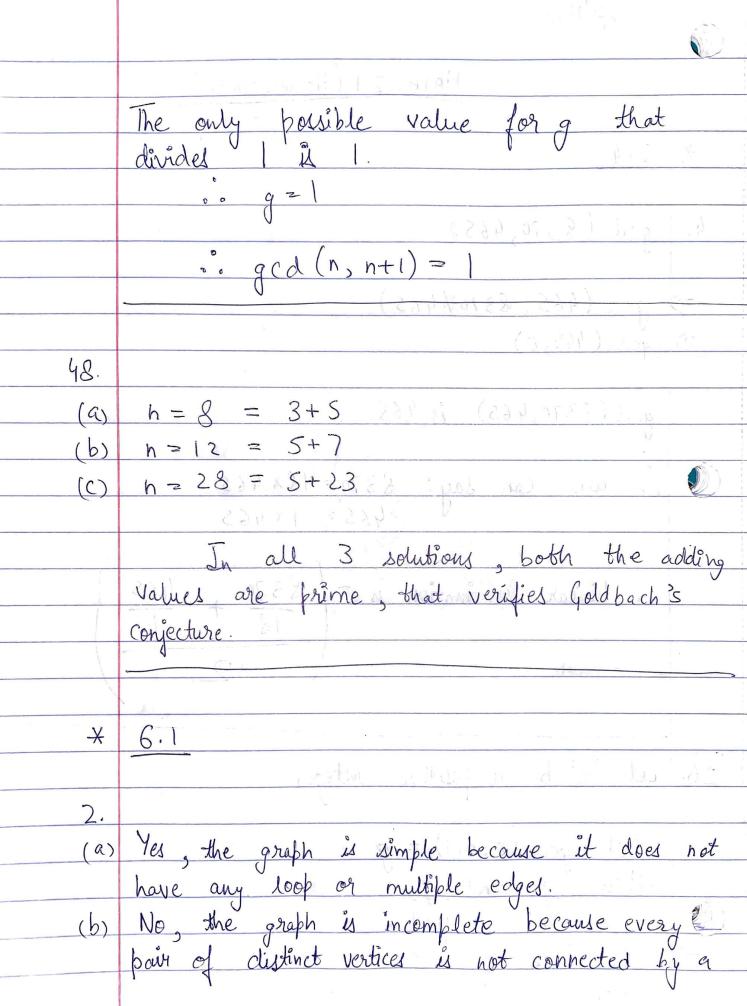
Vistout Pandey VÞ453

h+1-1

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pair of unique edges. (C) Yes, the graph is connected because there is a path between every pair of verten.
Yes, (3-5-6, 3-4-5-6) (e) Yes, (3-4-5-3) (f) Yes (g) Yes (a) 14 and 510 = suban shall to meet ad 100 (b) Shortest length = 2, path = 3-5-6 (c) 1-2-1+2-2+3-4-5-60 IN (a) If the graph exists, the sum of degree of vertices For any graph to exist, the sum of degrees of each as verten should be even. And in this case, it is odd. o. The graph cannot exist. (b) The sum of these nodes = 2x2+2x3 As the sum of degrees of each verten is even, The graph is possible

