Homowork #1  $\frac{2}{2m+1} = \frac{1}{m+1} + \frac{1}{(m+1)(2m+1)}$ a) verify the formula above using kindergarters algebra b) explain why this was important for Egyptian arithmetic Verify that a truncated square gyramid with base width a, top width b, and height h is given by  $V = \frac{a^2 + ab + b^2}{3}h$  $(a^2-b^2)^2+(2ab)^2=(a^2+b^2)^2$ a) verify this using kindergarten algebra b) why is this formula important? Write the number 13942 16 as a sexagesimal (like a Babylonian)