

Figure it out on page 5 (cont.)

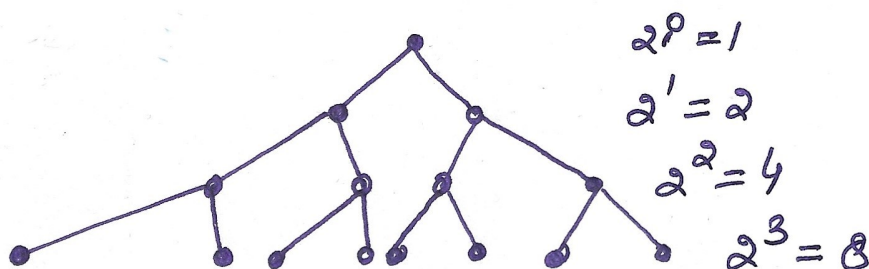
④ 1, 7, 19, 37 are Hex or centred hexagonal nos.

Next number in Sequence is 61.

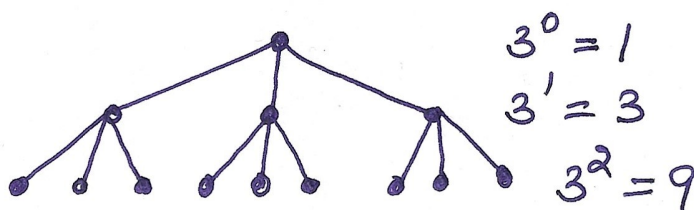
Few more Hex numbers

91, 127, 169, 217, 271...

⑤ a



⑤ b



Discuss on Page 6

①

$1 = 1, 1 + 3 = 4 \text{ or } 2^2, 1 + 3 + 5 = 9 \text{ or } 3^2$

$1 + 3 + 5 + 7 = 16 \text{ or } 4^2 \text{ etc}$

first no. = 1 or 1^2

Second no. = 4 or 2^2

[$1+1=2, 2^2=4$ that is sum of no. 1 and next odd no. 3]

third no. = 9 or 3^2

[$2+1=3, 3^2=9$ that is sum of no. 2 and next odd no. that is 3]

fourth no. = 16

[$3+1=4, 4^2=16$ that is sum of 3 and next odd no that is 7]

or