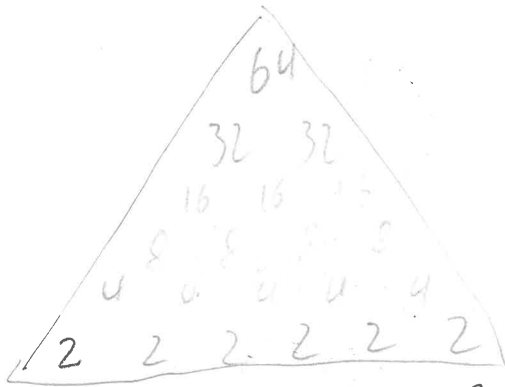
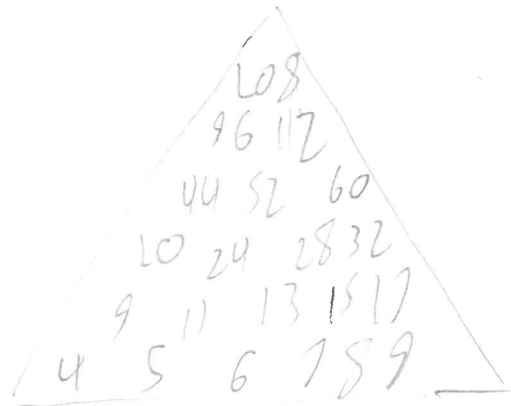


My solution is: To find the number at the top of the pyramid you have to find the mean average of the numbers at the bottom, then find that by a constant e.g.:



$$(2+2+2+2+2) \div 5 = 2$$

$$2 \times 32 = 64 \quad C = 32$$



$$(4+5+6+7+8+9) \div 6 = 6.5$$

$$6.5 \times 32 = 208 \quad C = 32$$

Other constants

n = number of numbers at the bottom of the pyramid which is equal to the number of layers.

a = average

t = top of pyramid

$$\text{Top number} = 2^{(n-1)} \times (\text{mean of bottom layer})$$

$$n = 2$$

$$a \times 2 = t$$

$$n = 3$$

$$a \times 4 = t$$

$$n = 4$$

$$a \times 8 = t$$

$$n = 5$$

$$a \times 16 = t$$

$$n = 6$$

$$a \times 32 = t$$

It continues

geometrically

n (layers)	2	3	4	5	6
constant	2	4	8	16	32
	2^1	2^2	2^3	2^4	2^5

$$\text{constant} = 2^{\boxed{n-1}}$$