

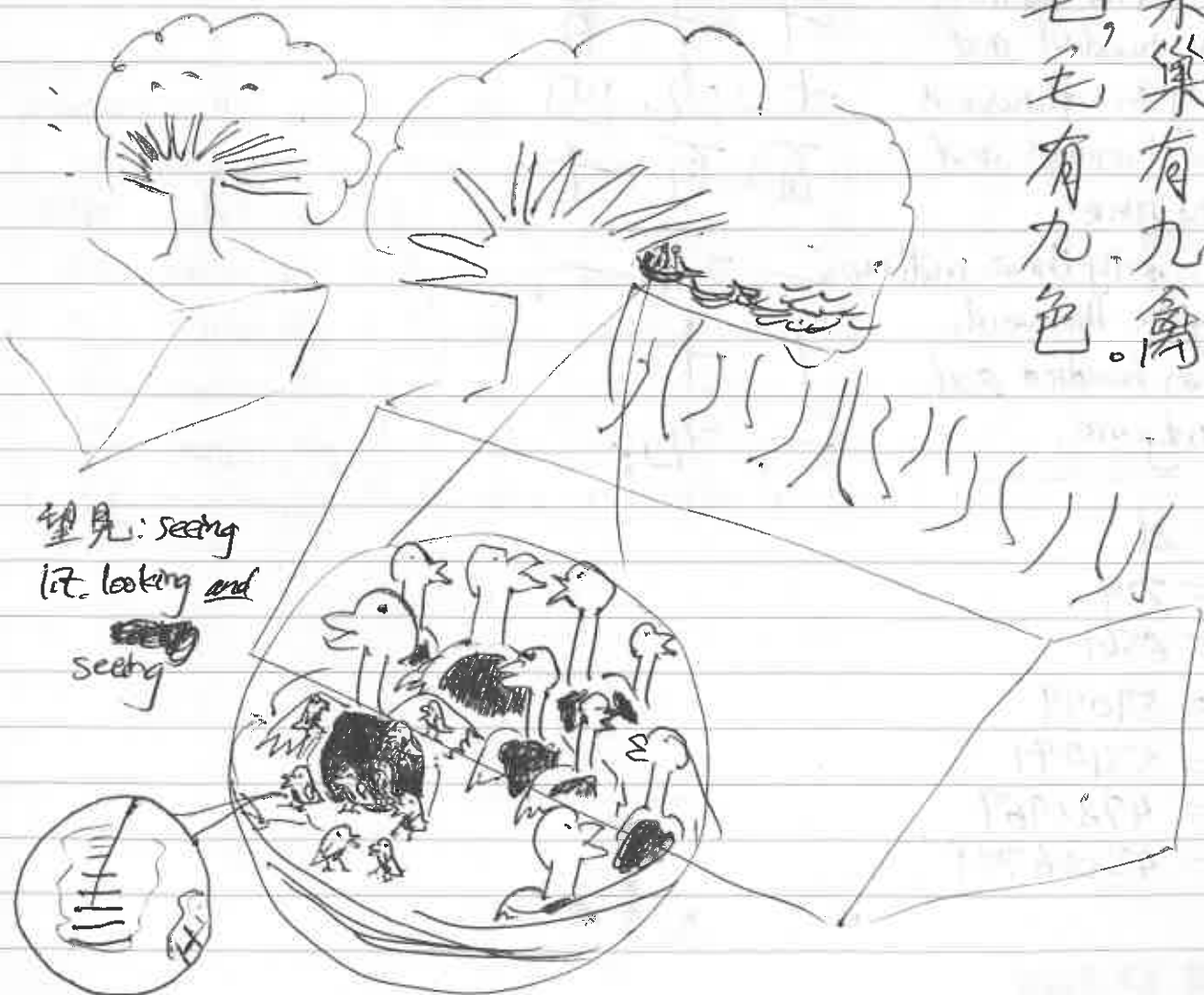
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Now there be a going out the door, and
 seeing nine embankments; each embankment
 hath nine trees; each tree hath nine branches;
each branch hath nine nests; each nest
 hath nine fowls; each fowl hath nine
 chicks; each chick hath nine feathers;
 and each feather hath nine colours.

We ask: how many be each?

問 禽 木 今
 各 有 有 有
 幾 九 九 出
 何? 雞, 枝, 門
 雞, 枝, 望
 有 有 見
 九 九 九
 毛, 巢, 隄,
 毛, 巢, 隄
 有 有 有
 九 九 九
 色。禽, 木,



20/9/122

Answer saith:

trees: eighty one,
 branches: seven hundred
 and twenty-nine,
 nests: six thousand, five
 hundred and sixty-one,
 fowls: fifty-nine thousand
 and forty-nine,
 chicks: five hundred and
 thirty-one thousand,
 four hundred and
 forty-one,
 feathers: four million,
 seven hundred and
 eighty-two thousand,
 nine hundred and
 sixty-nine,
 colours: forty-three million,
 forty-six thousand,
 seven hundred and
 twenty-one.

色	毛	雛	禽	巢	枝	木	竹
四	四	五	五	六	七	八	四
千	百	十	萬	千	百	十	
三	七	三	九	五	二	一	
百	十	萬	千	百	十		
四	八	一	四	六	九		
萬	萬	千	十	十			
六	二	四	九	一			
千	千	百					
七	九	四					
百	百	十					
二	六	一					
十	十						
一	九						

$$9^2 = 81$$

$$9^3 = 729$$

$$9^4 = 6561$$

$$9^5 = 59049$$

$$9^6 = 531441$$

$$9^7 = 4782969$$

$$9^8 = 43046721$$

2019/1/22

又 又 又 又 又 又 以 術
 以 以 以 以 以 以 九 曰:
 九 九 九 九 九 九 乘 置
 乘 之, 乘 之, 乘 之, 乘 之, 乘 之, 乘 之, 得 隄
 得 色 得 毛 得 雛 得 禽 得 巢 得 枝 之
 之 之 之 之 之 之 之 數
 數 數 數 數 數 數 數

Method saith: put down the nine embankments.

Multiplying it by nine, resulteth in the number of trees.

Also multiplying it by nine, resulteth in the number of branches.

Also multiplying it by nine, resulteth in the number of nests.

Also multiplying it by nine, resulteth in the number of fowls.

Also multiplying it by nine, resulteth in the number of chicks.

Also multiplying it by nine, resulteth in the number of feathers.

Also multiplying it by nine, resulteth in the number of colours.

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