


2020/01/03 (Fri) 4B 9:25 怡

### 圖形拼砌

- 規則 use eg & non-eg to clarify rule
- gp of 4  x 2 guess first ? shapes how many?  
3' record

兩個等腰直角三角形可拼砌

from  to 

discussion 菱 vs // gm

菱形 4 隻角相等

 gd!

exhaustion

-  x 3 gp of 2 why?

Pattern shapes

record

驗證 gd!

discussion visualizer

- 「有系統地找出 --- (窮盡) --- ?」 gd!

- worksheet & GeoGebra (Chan Sau Yan) ba1terdc

indir

Discussion (Post Lesson conference 怡秀郭樹曾磨)

- 有策略去砌  $\leftarrow 2$   $3 \rightarrow$   demo patterns shape ggb



real objs

worksheet & record  
skipped



### 等腰直角三角形的拼砌

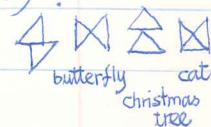
2020/01/06 (Mon) 4D 2:05


### B1 「拼邊圖形」的概念

concept


甚麼是拼邊圖形?

Real Obj (tangram)



- B2  x 2 的拼砌

窮盡法

兩個  可以組成甚麼/多

少個拼邊形?

Real Obj (origami)

generalization of rule

是菱形/等邊三角形嗎?

Pattern shape (MLC)

worksheet 1


為甚麼只有三個?

- B3  x 3 的拼砌

rule application in new situation

Pattern shape


worksheet 2

三個  又怎麼樣? (4個)

Tree Diagram (notes)



他們是甚麼圖形?

- B4  x 4 的拼砌

problem solving

考考你: 四個正方形可以

HW sheet

組成些甚麼拼邊形?

summary

ref. Pg 5H4 KM, Polyabolo  
sts Google Drive