

數學操作課

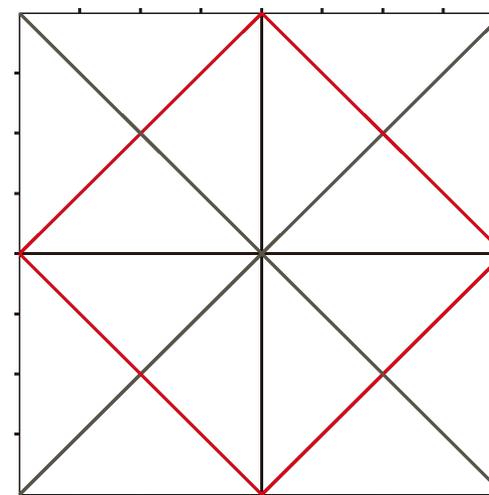
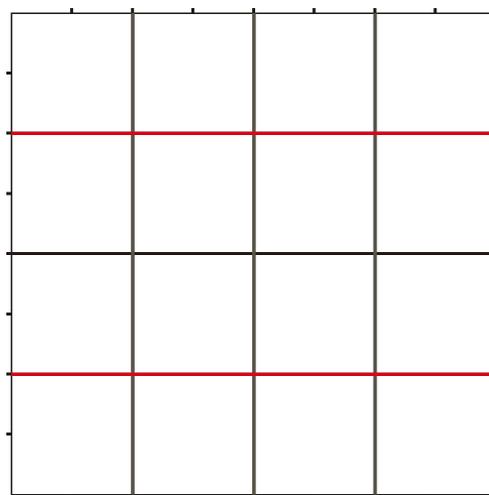
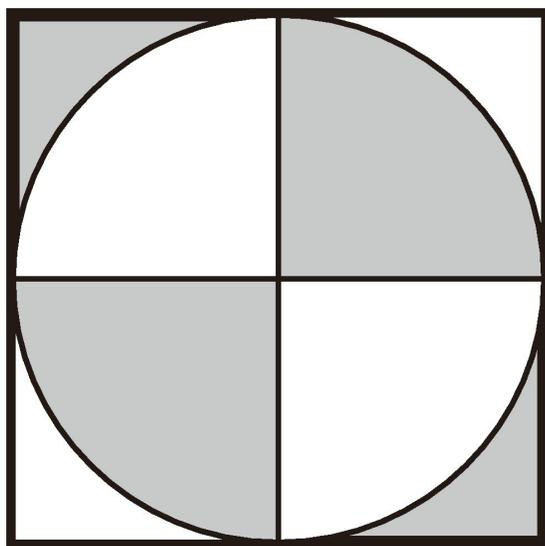
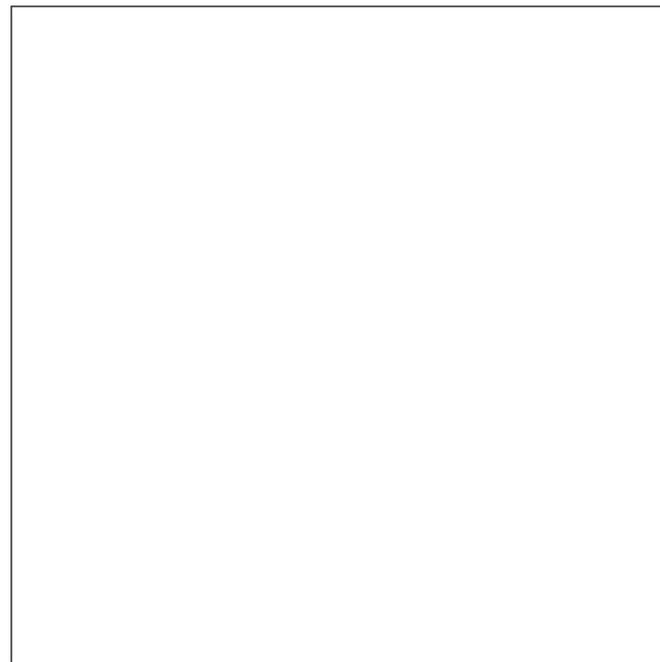
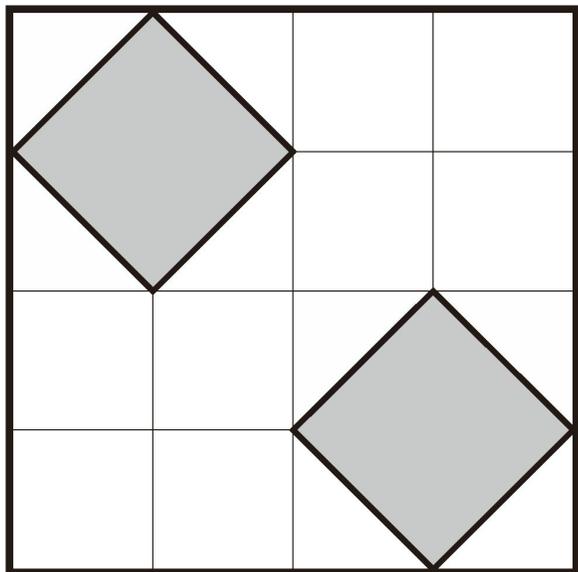
劉素媛老師

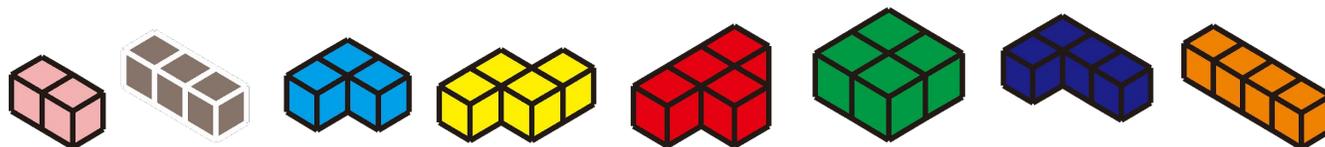
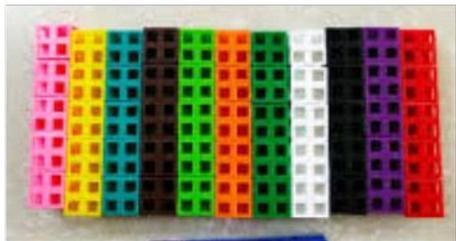
教學目標：

- (一) 以「自發」、「互動」學習數與量。
- (二) 透過數與量來思考數學問題、分析問題和解決問題的能力。
- (三) 培養日常生活應用與學習其他領域/科目所需的數學知能。
- (四) 培養好奇心及觀察規律、演算、抽象、推論、溝通和數學表述等各項能力。

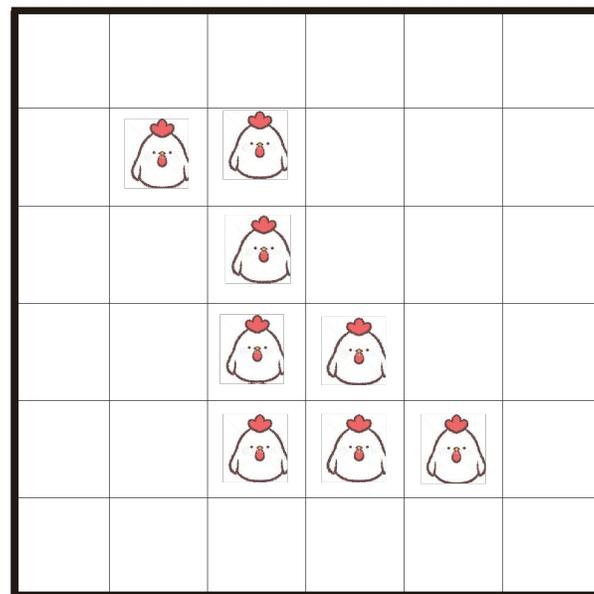
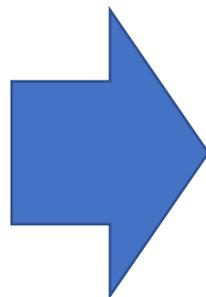
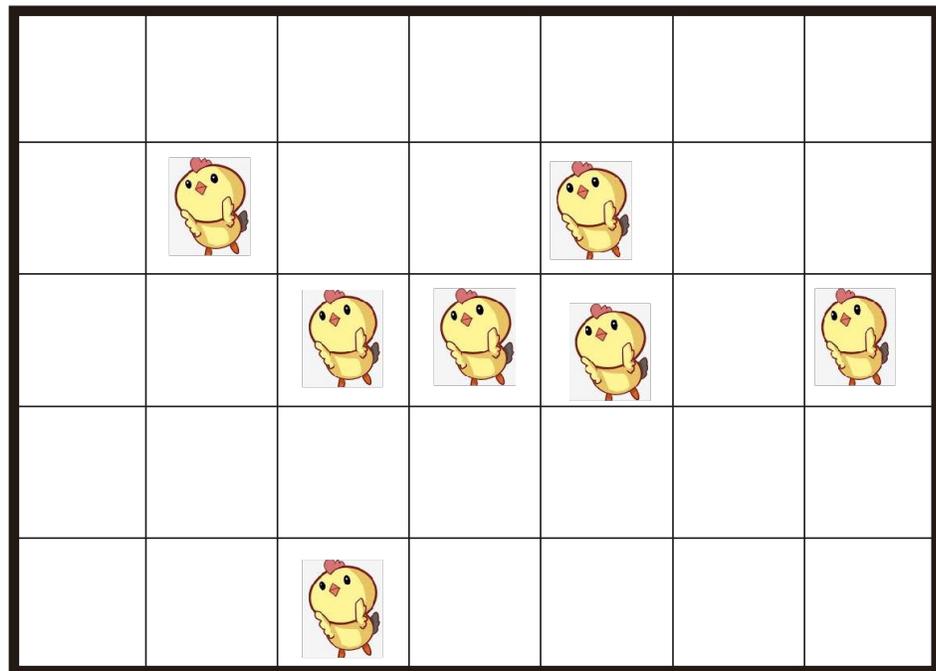
評量方式：每一堂課的實作過程—學習參與度、完成度。

- 1.理解正方形和長方形的面積應用。
- 2.分數平分概念。
- 3.認識正方體與長方體。
- 4.數字合成與位置同時考量時，找出正確位置。
- 5.在操作中，認識幾何概念的應用，如旋轉角、錐形、卡榫與空間形體。

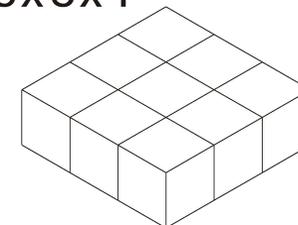




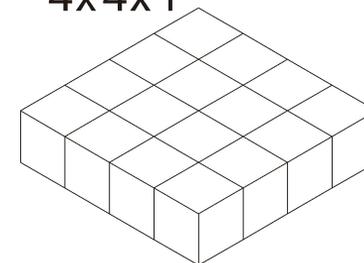
二年級



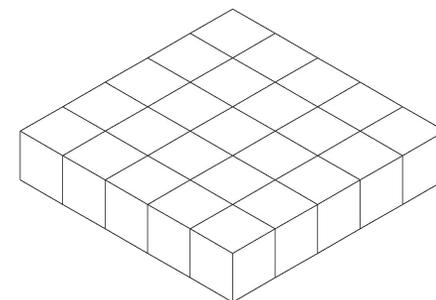
3x3x1



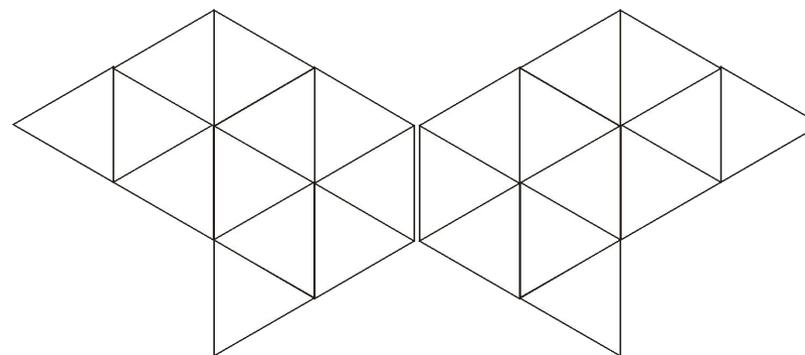
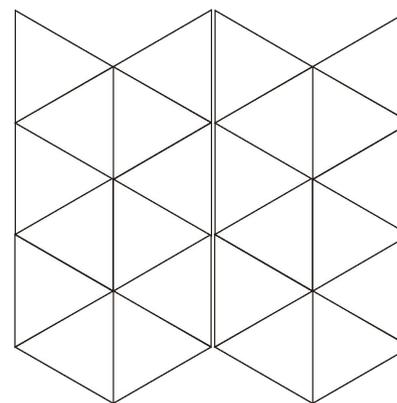
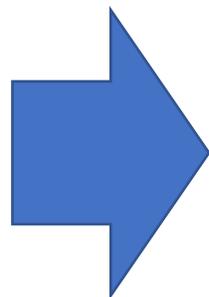
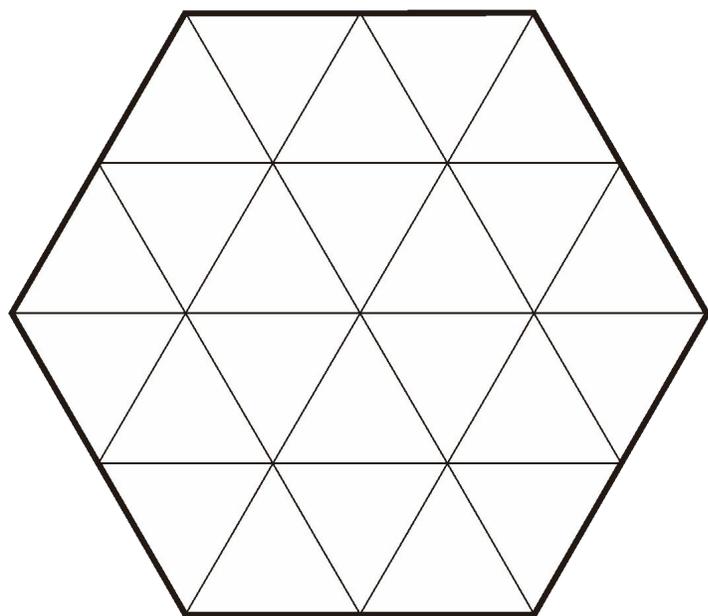
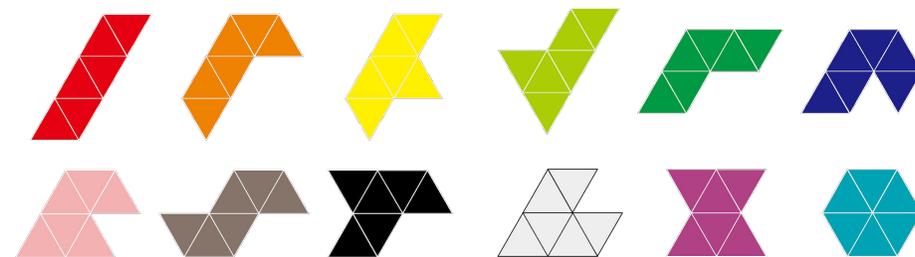
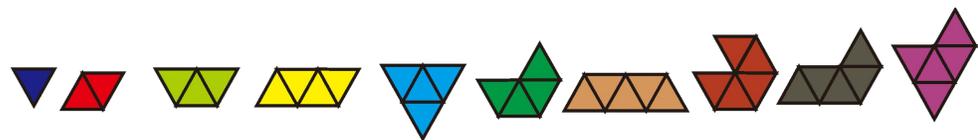
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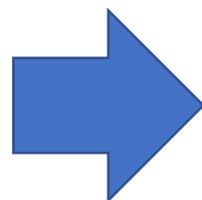
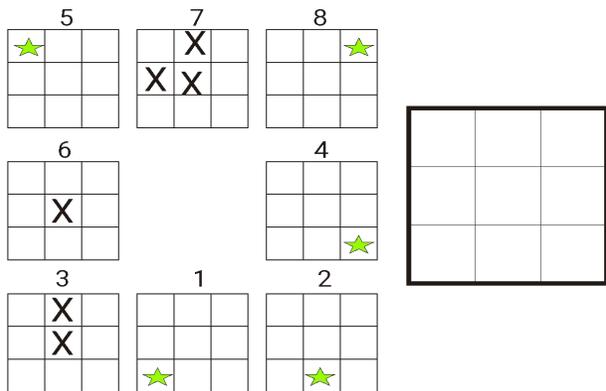
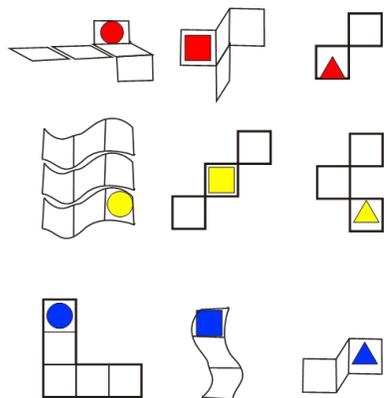


5x5x1

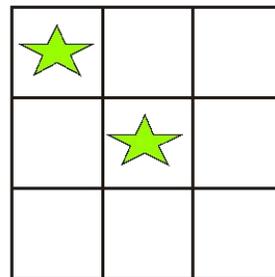


正三角形六連塊

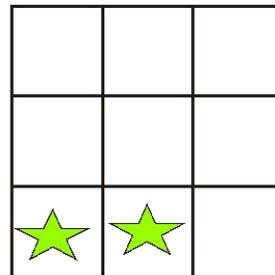




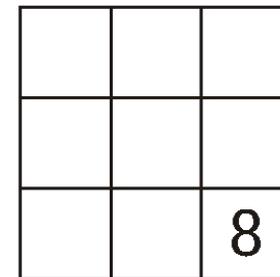
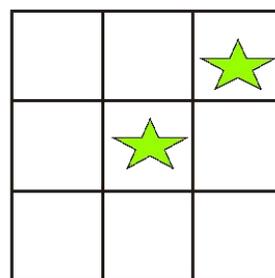
$$\star + \star = 7$$



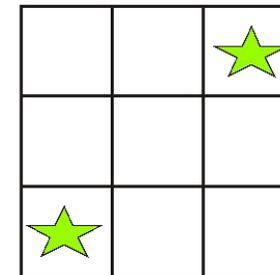
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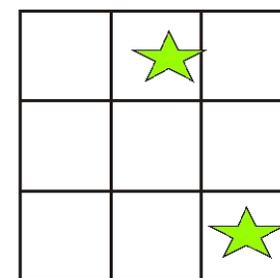
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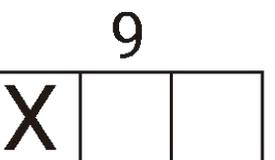
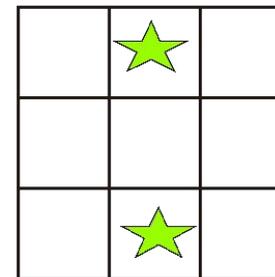
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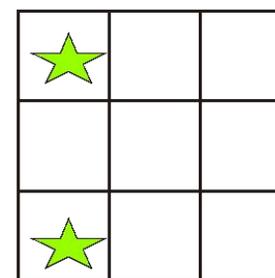
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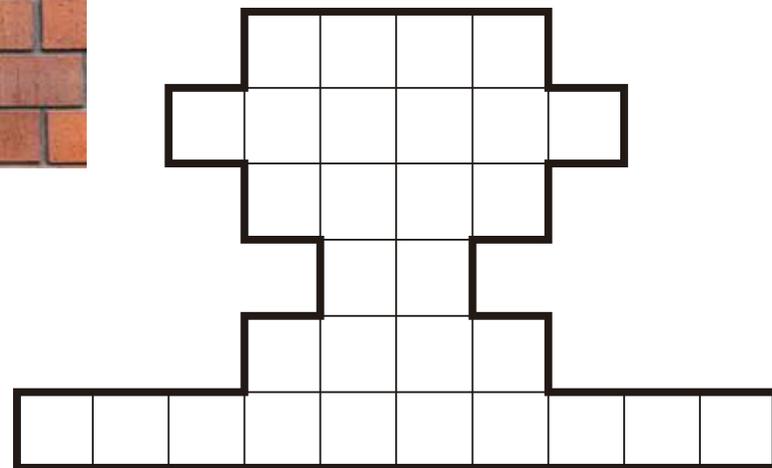
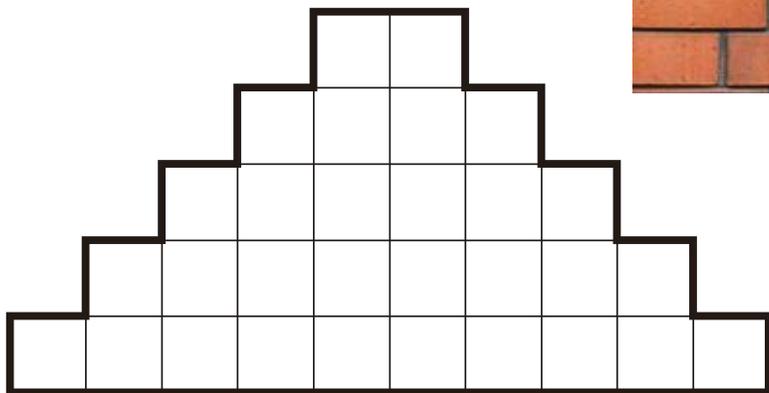
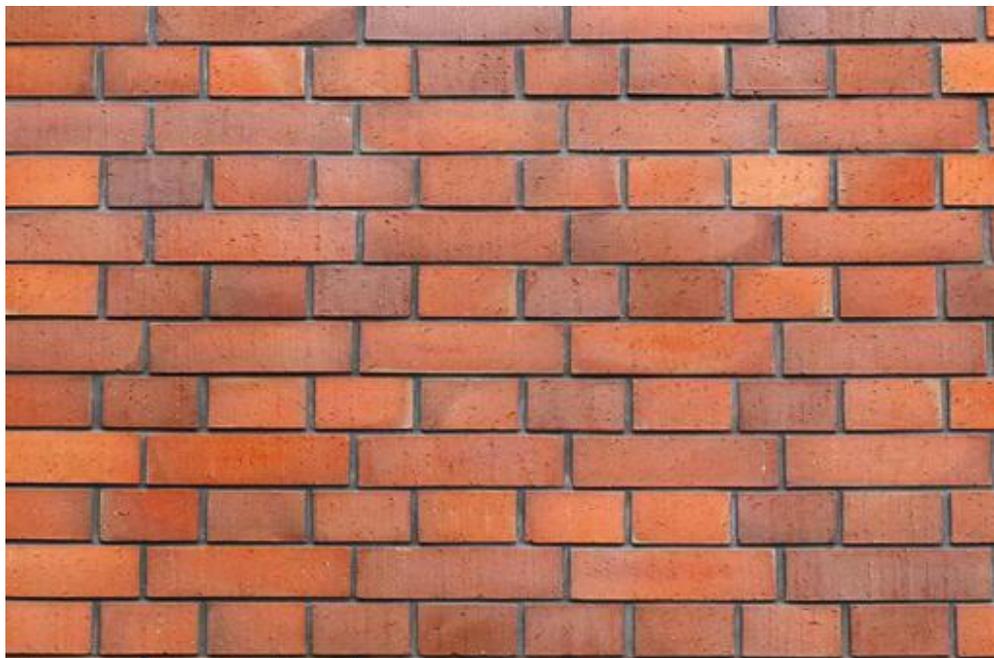
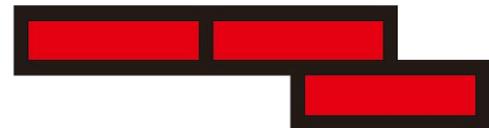
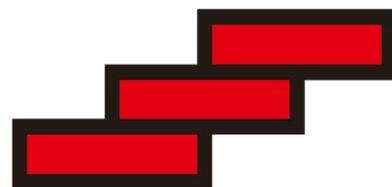


$$\star + \star = 7$$



$$\star + \star = 5$$





角度探討 卡榫

