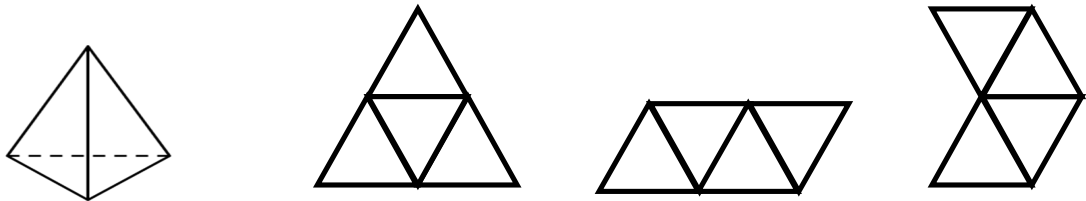


展翅高飛-正角錐的展開圖

5 年級： 14 班 姓名：林思彤

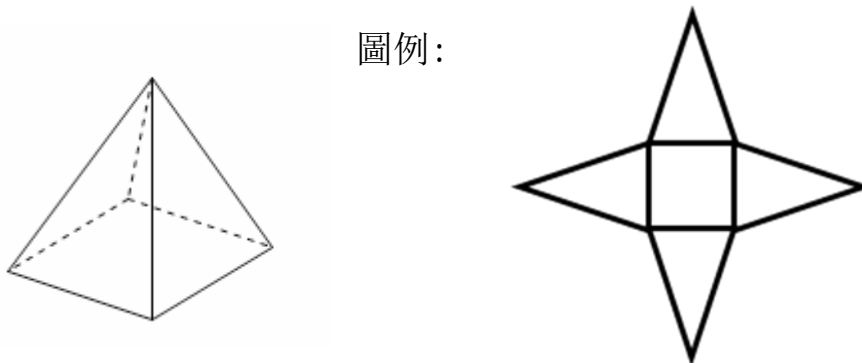
高愛迪斯幾年前完成了正方體與長方體的展開圖後意猶未盡，剛好班上的數學課教到錐體，於是馬上聯想到不知道正三角錐、正四角錐……會有幾種展開圖呢？心動不如馬上行動，讓我們一起動手來完成吧！（可使用電腦繪圖、自製教具、或資優班 3F 借用智慧片）

【例題】正三角錐的展開圖一共有三種（如下圖所示，旋轉或翻轉後圖形能夠重疊即算同一種）

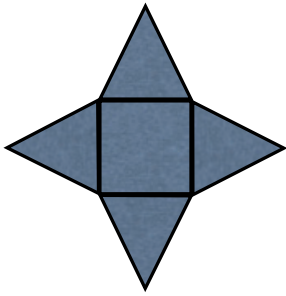


【問題一】2★

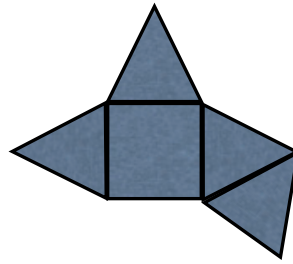
請畫出正四角錐的所有展開圖並算出共有多少種？(8) 種



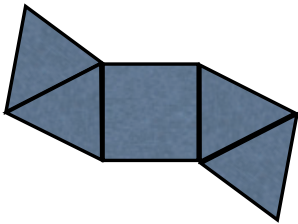
(1, 1, 1, 1)



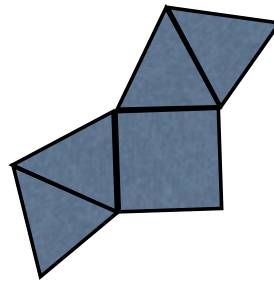
(1, 1, 2)



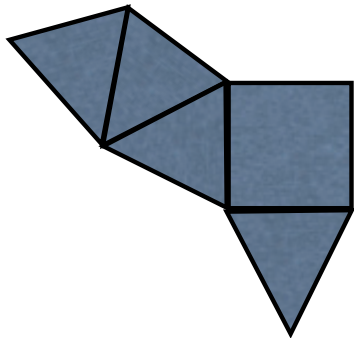
(2, 2)



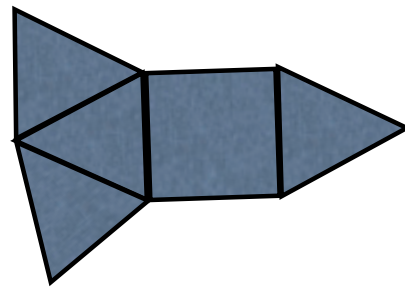
(2, 2)



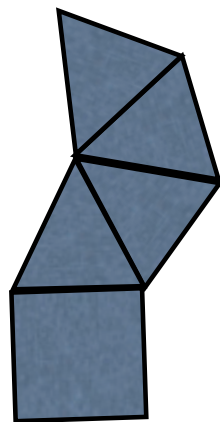
(3, 1)



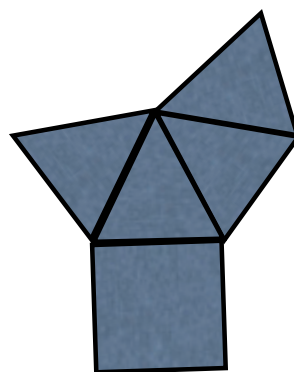
(3, 1)



(4)

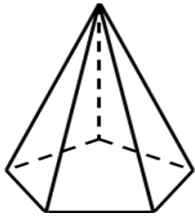


(4)



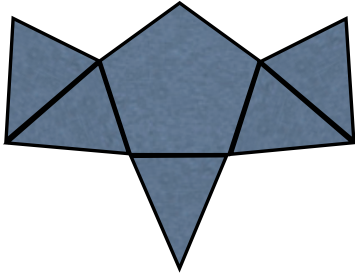
【問題二】3★

請畫出正五角錐的所有展開圖並算出共有多少種？(15) 種

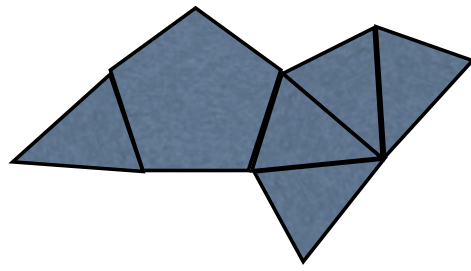


<p>(1, 1, 1, 1, 1)</p>	<p>(1, 1, 1, 2)</p>
<p>(1, 1, 3)</p>	<p>(1, 1, 3)</p>
<p>(2, 2, 1)</p>	<p>(2, 2, 1)</p>

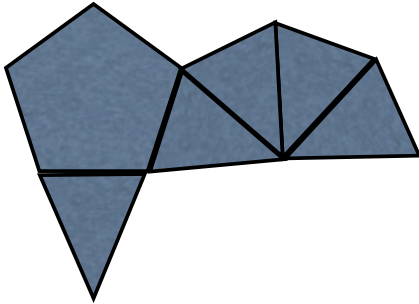
(2, 2, 1)



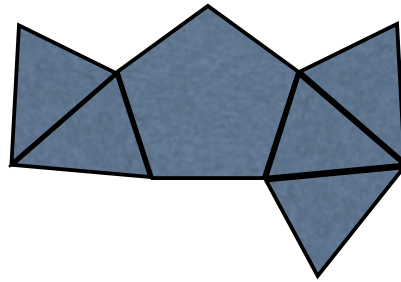
(1, 4)



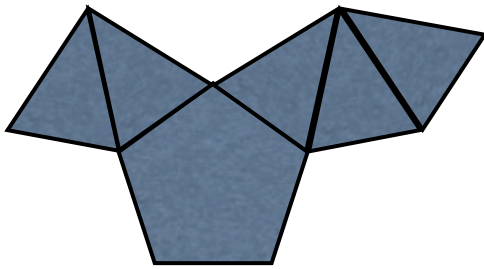
(1, 4)



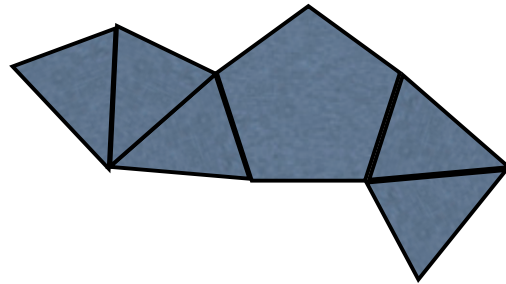
(2, 3)



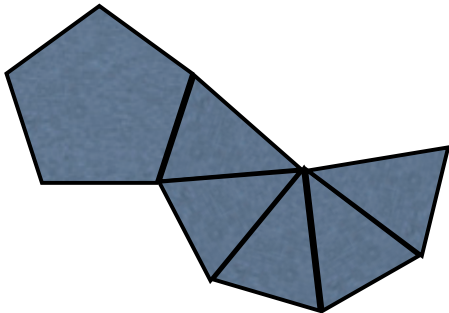
(2, 3)



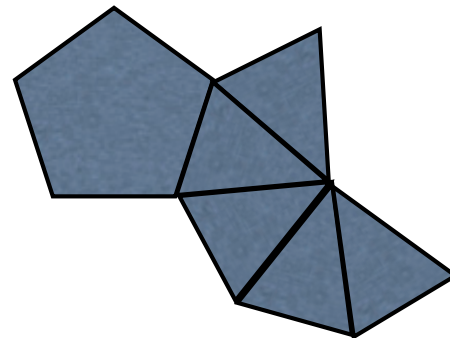
(2, 3)



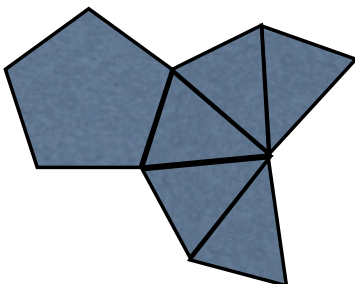
(5)



(5)

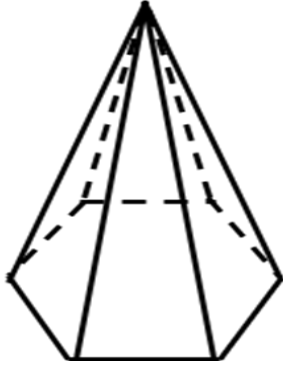


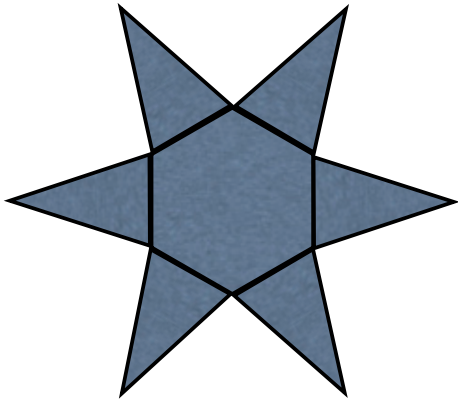
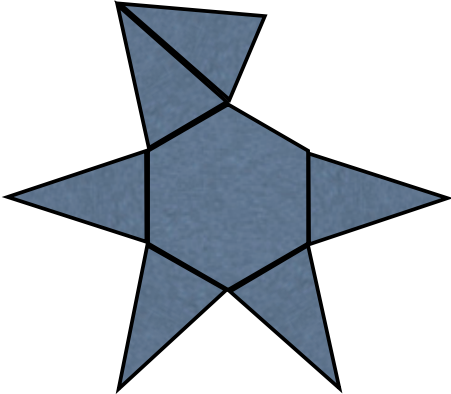
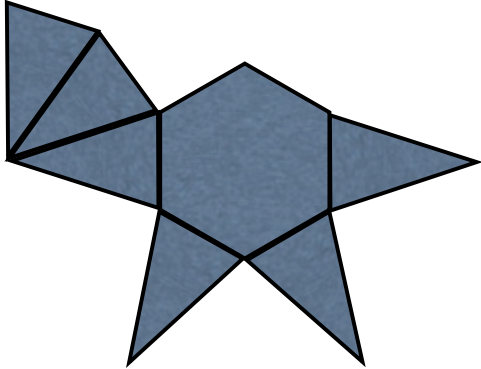
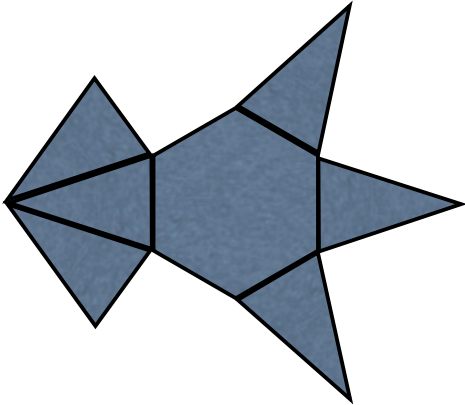
(5)



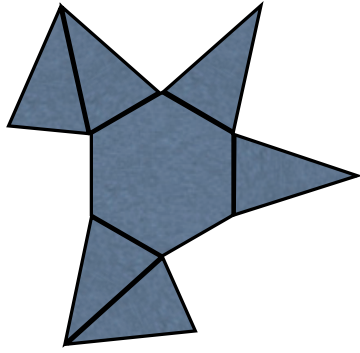
【問題三】5★

請畫出正六角錐的所有展開圖並算出共有多少種?(33) 種

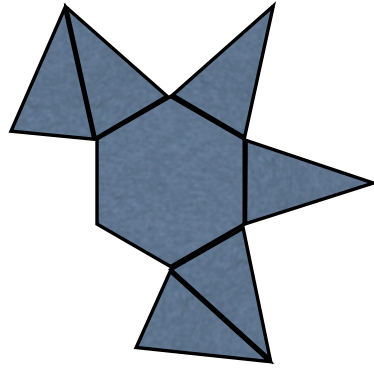


<p>(1, 1, 1, 1, 1, 1)</p> 	<p>(1, 1, 1, 1, 2)</p> 
<p>(1, 1, 1, 3)</p> 	<p>(1, 1, 1, 3)</p> 

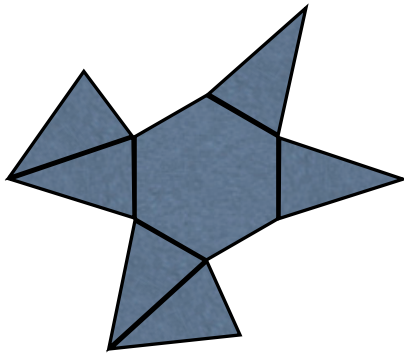
(1, 1, 2, 2)



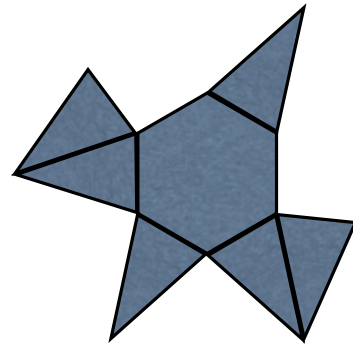
(1, 1, 2, 2)



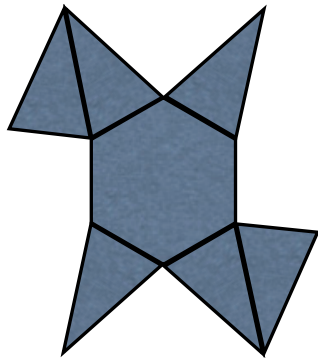
(1, 1, 2, 2)



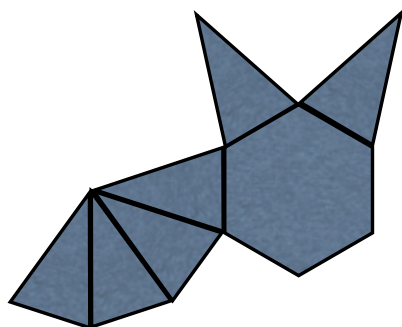
(1, 1, 2, 2)



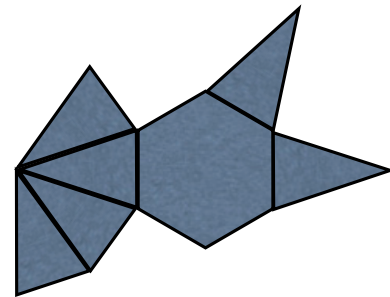
(1, 1, 2, 2)



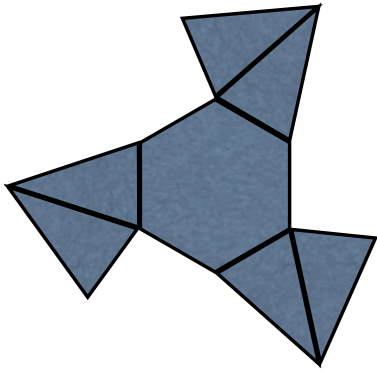
(1, 1, 4)



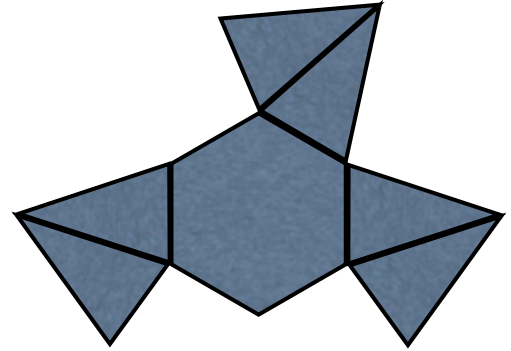
(1, 1, 4)



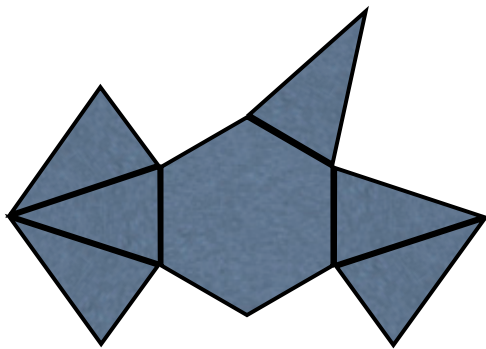
(2, 2, 2)



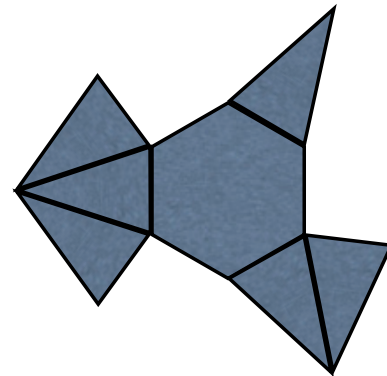
(2, 2, 2)



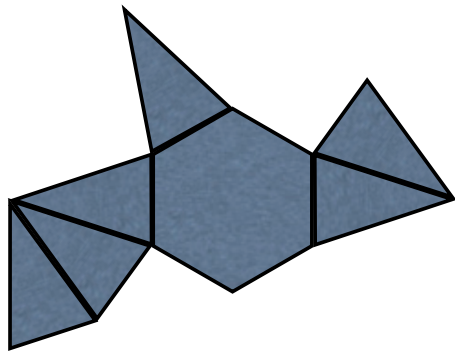
(1, 2, 3)



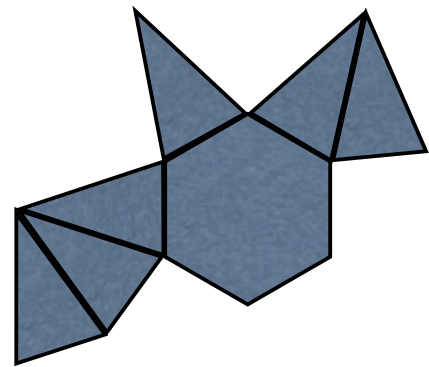
(1, 2, 3)



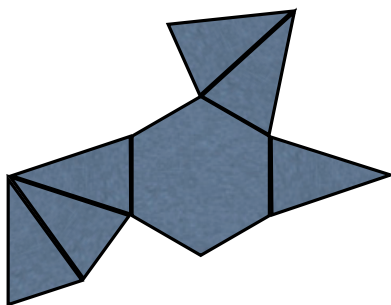
(1, 2, 3)



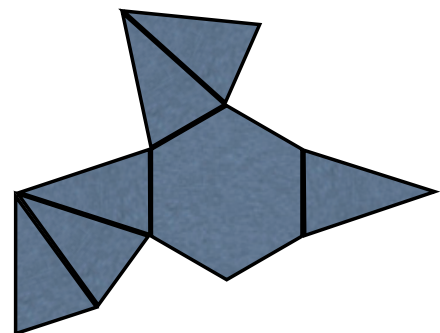
(1, 2, 3)



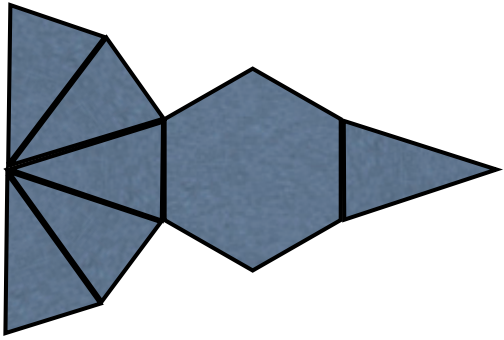
(1, 2, 3)



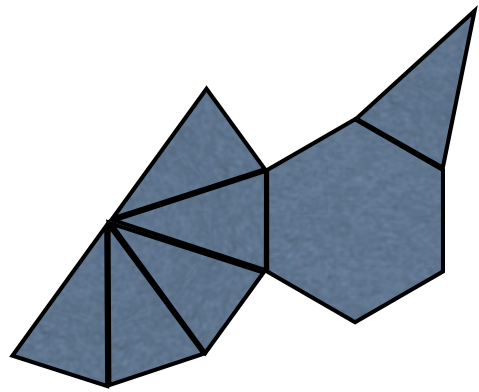
(1, 2, 3)



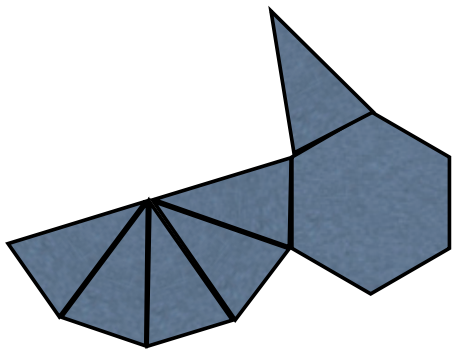
(1, 5)



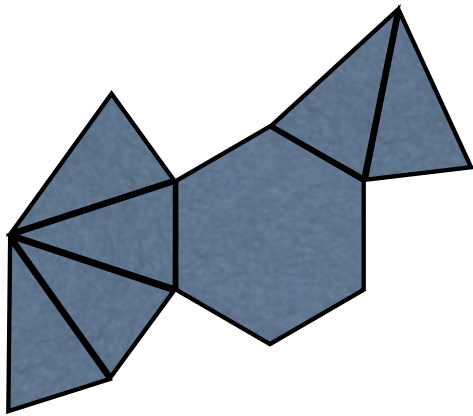
(1, 5)



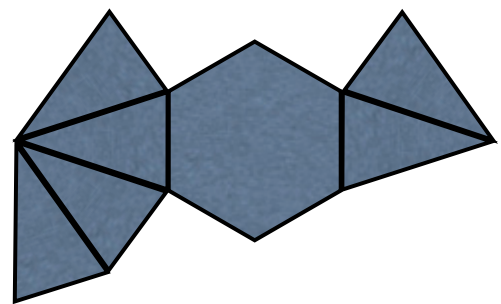
(1, 5)



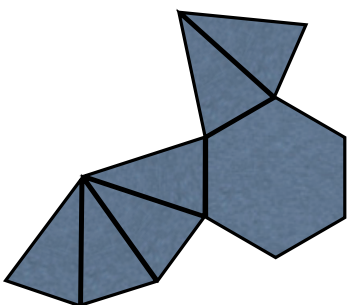
(2, 4)



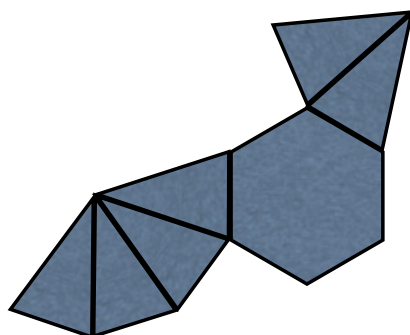
(2, 4)



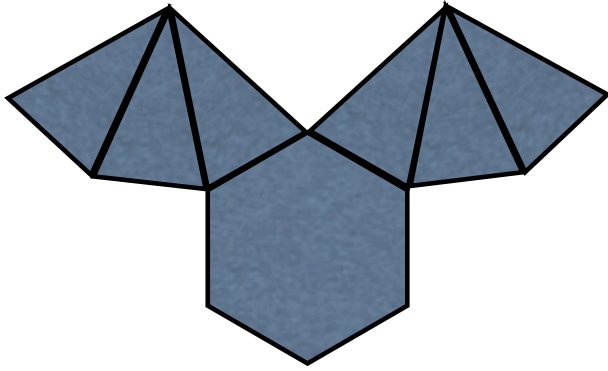
(2, 4)



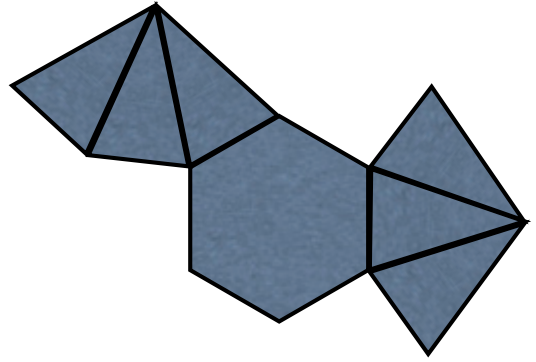
(2, 4)



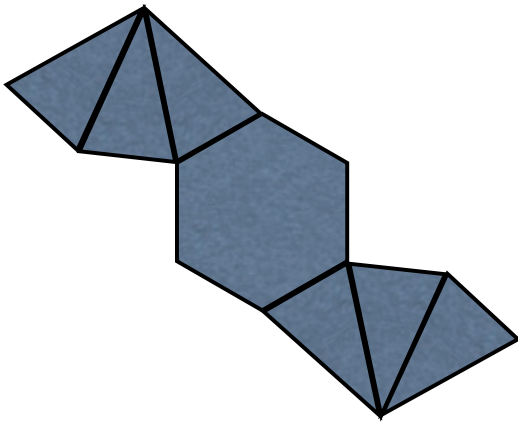
(3, 3)



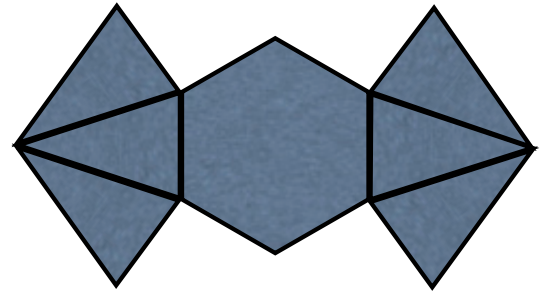
(3, 3)



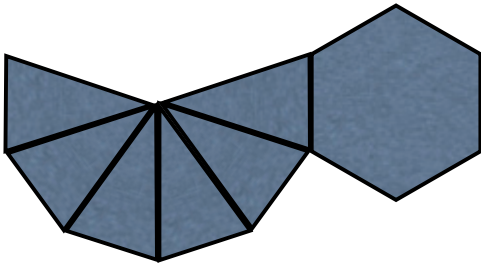
(3, 3)



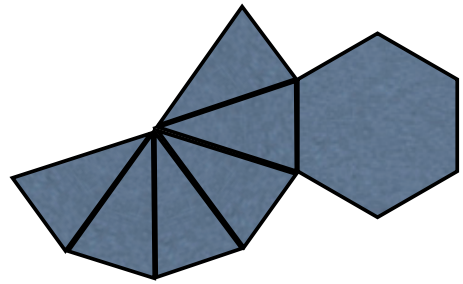
(3, 3)



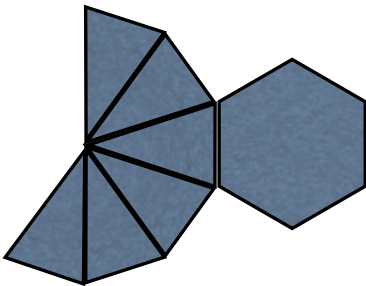
(6)



(6)



(6)



截止日期：104 年 12 月 11 日(星期五)下午 4：00