

2001 IWYMIC Answers

Individual

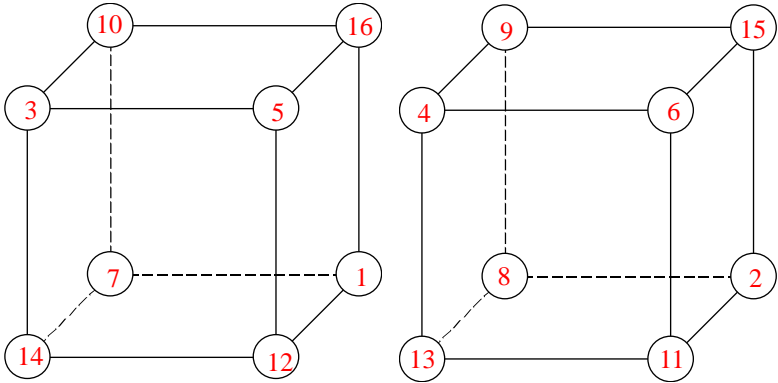
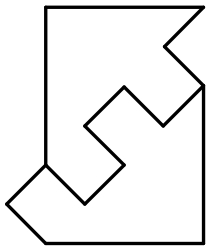
Part I

1.	36	2.	$7\sqrt{3}$	3.	40	4.	1735, 1736, 1737, 1738
5.	5:24	6.	13, 14, 15	7.	7	8.	3
9.	-4	10.	15				


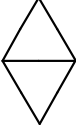

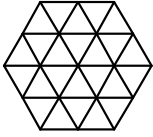
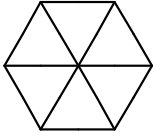

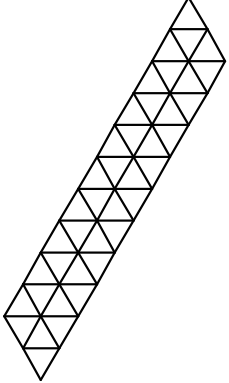
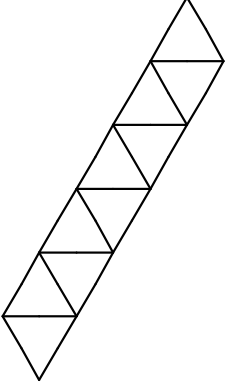
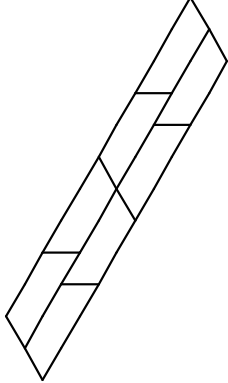
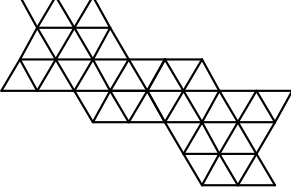
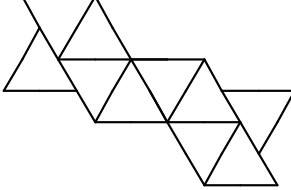
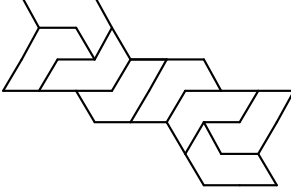
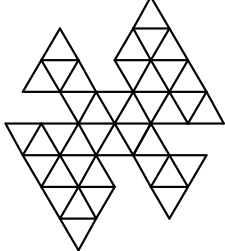
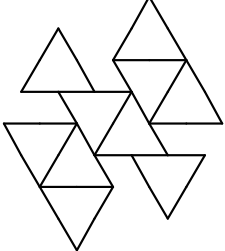
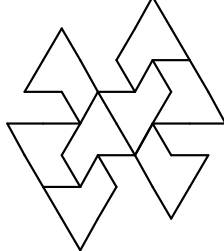
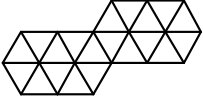
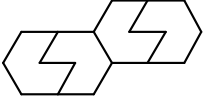
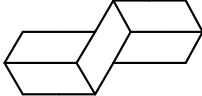
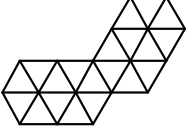
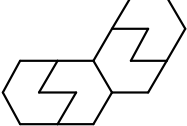
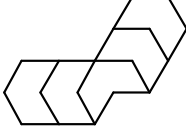
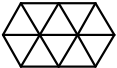

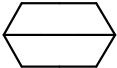

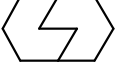
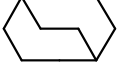
Part II

2.	$-2\frac{1}{4} < p < -2$	3.	One vertex on side <i>a</i>, one vertex on side <i>b</i> and two vertices on side <i>c</i>
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Team

1.			
2.	1,2,5,18,19,12,17,14,15,8,3,16,13,10, 9,20,11,6,7,4	3.	
4.	4	5.	2025, 3025, 9801
6.	$28\sqrt{3}$	7.	$\frac{2}{5}, \frac{1}{5}, \frac{4}{8}$

8.

1			
2			
3			
4			
5			
6			
7			
8			
9			
10	